

## Recombinant Human Spondin-2

### Source

|                  |                                                                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Species          | Human                                                                                                                                                                       |
| Accession Number | Q9BUD6                                                                                                                                                                      |
| Gene Symbol      | SPON2                                                                                                                                                                       |
| Expressed Region | Gln 27-Val331                                                                                                                                                               |
| Synonyms         | Spondin-2, Spondin 2, Extracellular Matrix Protein, Differentially Expressed In Cancerous And Non-Cancerous Lung Cells 1, MINDIN, DIL-1, DIL1, M-Spondin, M-SPONDIN, Mindin |

### Preparation

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expression System | Human Embryonic Kidney 293 Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Tag               | N-terminal 6x histidine tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification      | Unpurified cell culture supernatant. HEK293 cells grown in serum-free medium were transfected with expression vector harboring target gene. The cell culture was harvested with centrifugation to remove cells. The cell culture supernatant containing mammalian cell protease inhibitor cocktail was aliquoted and stored at -80 °C immediately. The gene overexpression in culture supernatant was confirmed by Western blotting using anti-His tag antibody and/or target-specific antibodies and the culture supernatant derived from HEK293 cells transfected with the empty expression vector was used as a negative control. |
| Molecular Weight  | Recombinant Human Spondin-2 has a calculated molecular mass of 33 kDa. The actual molecular weight may increase slightly due to the potential post-modifications (PTMs).                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

### Protein Specifications

|                          |                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format                   | Pink liquid                                                                                                                                                                                                                                                     |
| Formulation              | Culture supernatant of transfected HEK293 cells                                                                                                                                                                                                                 |
| Preservative             | None                                                                                                                                                                                                                                                            |
| Recommended Applications | Western blotting control, antibody validation (i.e., hybridoma screening, antibody pair test), ELISA, EIA, dot blotting, immunoprecipitation (IP), protein array, protein functional assay, protein-protein interaction, post-translational modifications, etc. |

### Shipping

Ice packs

### Storage/Stability

Upon arrival, the protein may be stored for 2 weeks at 4 °C. For long term storage, it is recommended to store at -20 °C or -80 °C in appropriate aliquots. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.