

## Syndecan Binding Protein 2 Human Recombinant

|                                          |                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item Number</b>                       | rAP-4897                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>                          | SITAC, SITAC18, ST-2, Syntenin-2, Syndecan-binding protein 2.                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>                       | SDCBP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (1-292 a.a.) and having a molecular mass of 34.0kDa. SDCBP2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.                                                                                |
| <b>Uniprot Accession Number</b>          | Q9H190                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSMSSLYPS LEDLKVDQAI QAQVRASPKM PALPVQATAI<br>SPPPVLYPNL AELENYMGLS LSSQEVQESL LQIPEGDSTA VSGPGPGQM VAPVTGYSLGV<br>RRAEIKPGVR EIHLCKDERG KTGLRLRKVD QGLFVQLVQA NTPASLVGLR FGDQLLQIDG RDCAGWS-<br>SHK AHQVVKKASG DKIVVVVRDR PFQRTVTMHK DSMGHVGFVI KKGKIVSLVK GSSAARNGLL<br>TNHYVCEVDG QNVIGLKDKK IMEILATAGN VVTLTIIPSV IYEHMVKKLP PVLLHHTMDH SIPDA. |
| <b>Source</b>                            | Escherichia Coli.                                                                                                                                                                                                                                                                                                                                                         |
| <b>Physical Appearance and Stability</b> | Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.                                                                                                     |
| <b>Formulation and Purity</b>            | SDCBP2 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.                                                                                                                                                                                                            |
| <b>Application</b>                       |                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Solubility</b>                        |                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Biological Activity</b>               |                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.                                                                                                                                                                                                                                                                                                                                   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**