

## Recombinant Human EMMPRIN (C-6His)

Catalog No: C433

|                                   |   |
|-----------------------------------|---|
| <b>Description</b>                | Recombinant Human Extracellular Matrix Metalloproteinase Inducer is produced by our Mammalian expression system and the target gene encoding Ala22-His205 is expressed with a 6His tag at the C-terminus.   |
| <b>Source</b>                     | Human Cells   |
| <b>Alternative name</b>           | Basigin; 5F7; Collagenase Stimulatory Factor; Extracellular Matrix Metalloproteinase Inducer; EMMPRIN; Leukocyte Activation Antigen M6; OK Blood Group Antigen; Tumor Cell-Derived Collagenase Stimulatory Factor; TCSF; CD147; BSG   |
| <b>Accession No.</b>              | P35613-2  |
| <b>Predicted Molecular Weight</b> | 21.16kDa  |
| <b>AP Molecular Weight</b>        | 30-40kDa, reducing conditions.  |
| <b>Formulation</b>                | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.   |
| <b>Reconstitution</b>             | <p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>  |
| <b>Quality Control</b>            | <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.</p>   |
| <b>Shipping</b>                   | <p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>  |
| <b>Storage</b>                    | <p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>  |
| <b>Background</b>                 | <p>Extracellular Matrix Metalloproteinase Inducer (EMMPRIIN) belongs to the immunoglobulin superfamily, which has the homology to both the immunoglobulin V domain and MHC class II antigen β-chain. EMMPRIN is a transmembrane glycoprotein with different forms, resulting from different modes of glycosylation and N-terminal sequence variants. EMMPRIN can be expressed in breast cancer, oral squamous cell carcinoma, glioma, lymphoma, lung, bladder, and melanoma carcinomas cells. EMMPRIN promotes invasion, metastasis, growth, and survival of malignants cells, serves as a receptor for extracellular cyclophilinthe, may play a role in signal transduction.</p> |

### SDS-Page

