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EMMPRIN Recombinant Protein

CATALOG NUMBER: 91-389

Specifications

SPECIES:	Human
SOURCE SPECIES:	Human Cells
SEQUENCE:	Ala22-His205
FUSION TAG:	C-6 His tag
APPLICATIONS:	This recombinant protein can be used for biological assays. For research use only.

Properties

PURITY:	Greater than 95% as determined by reducing SDS-PAGE. Endotoxin level less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
PREDICTED MOLECULAR WEIGHT:	21.16 kD
PHYSICAL STATE:	Lyophilized
BUFFER:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.2. It is not recommended to reconstitute to a concentration less than 100 ug/ml. Dissolve the lyophilized protein in ddH2O.
STORAGE CONDITIONS:	Lyophilized protein should be stored at -20˚C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7˚C for 2-7 days. Aliquots of reconstituted samples are stable at -20˚C for 3 months.

Additional Info

ALTERNATE NAMES:	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
ACCESSION NO.:	P35613-2

Background

Extracellular Matrix Metalloproteinase Inducer (EMMPRIN) belongs to the immunoglobulin superfamily, which has the homology to both the immunoglobulin V domain and MHC class II antigen beta -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.

FOR RESEARCH USE ONLY

December 14, 2016