

Recombinant Human Endomucin, His-tagged

Cat. No. EMCN-6947H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EMCN protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	19-190aa
Description	EMCN, also called endothelial sialomucin or mucin-like sialoglycoprotein, which interferes with the assembly of focal adhesion complexes and inhibits interaction between cells and the extracellular matrix. EMCN is a mucin-like sialoglycoprotein that interferes with the assembly of focal adhesion complexes and inhibits interaction between cells and the extracellular matrix.
Form	Liquid. In 20 mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT, 100mM NaCl.
Molecular Mass	20.5 kDa (197aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMNSTGV LEAANNSLVV TTTKPSITTP NTESLQKNVV TPTTGTPPKG TITNELLKMS LMSTATFLTS KDEGLKATTT DVRKNDISIIS NVTVTSVTLP NAVSTLQSSK PKTETQSSIK TTEIPGSVLQ PDASPSKTGT LTSIPVTIPE NTSQSQVIGT EGGKNASTSA TSRSYSS
Purity	>90% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	EMCN endomucin [Homo sapiens]
Official Symbol	EMCN
Synonyms	EMCN; endomucin; MUC14; MUC-14; mucin-14; endomucin-2; gastric cancer antigen Ga34; EMCN2;
Gene ID	51705
mRNA Refseq	NM_001159694
Protein Refseq	NP_001153166
MIM	608350
UniProt ID	Q9ULC0
Chromosome Location	4q22.1

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