

## Recombinant Human Endomucin, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human EMCN protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	19-190aa
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20 mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT, 100mM NaCl.
<b>Molecular Mass</b>	20.5 kDa (197aa), confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSHMNSTGV LEAANNSLVV TTKPSITTP NTESLQKNVV TPTTGTPKG TITNELLKMS LMSTATFLTS KDEGLKATTT DVRKNDISIIS NVTVTSVTLP NAVSTLQSSK PKTETQSSIK TTEIPGSVLQ PDASPSKTGT LTSIPVTIPE NTSQSQVIGT EGGKNAKSA TSSRSYSS
<b>Purity</b>	>90% by SDS - PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	SDS-PAGE
<b>Storage</b>	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.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay)

## GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA