

Recombinant human Endomucin protein

Catalog Number: ATGP1632

PRODUCT INFORMATION

Expression system

E.coli

Domain

19-190aa

UniProt No.

Q9ULC0

NCBI Accession No.

NP_057326

Alternative Names

Endomucin, EMCN2, MuC14

PRODUCT SPECIFICATION

Molecular Weight

20.5 kDa (197aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 100mM NaCl

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Endomucin, 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. This protein expressed in heart, kidney and lung. Recombinant human EMCN protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

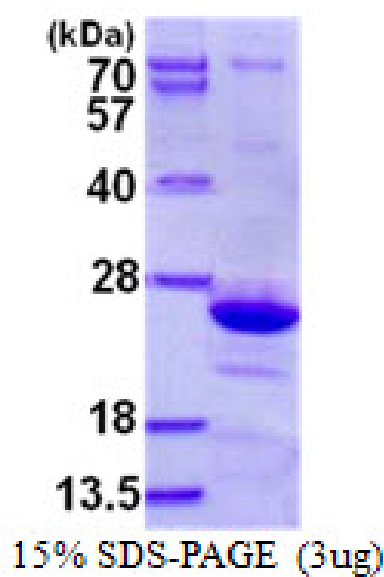
MGSSHHHHHH SSSLVPRGSH MGSHMNSTGV LEAANNSLVV TTTKPSITP NTESLQKNV TPTTGTPKG TITNELLKMS
LMSTATFLTS KDEGLKATTT DVRKNDSIIS NVTVTSVTLF NAVSTLQSSK PKTETQSSIK TTEIPGSVLQ PDASPSKTGT
LTSIPVTIPE NTSQSQVIGT EGGKNA TSA TSRSYSS

General References

Kinoshita M, et al. (2001) FEBS Lett 499 (1-2): 121-6.
Kuhn A., et al. (2002) J. Invest. Dermatol. 119:1388-1393

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.