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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

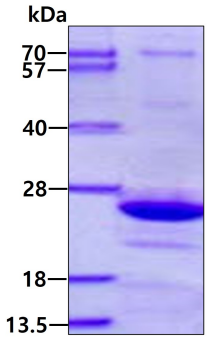
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General References

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.