



11 Park Drive, Suite 12
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Recombinant Human Soluble Endomucin

ORDERING INFORMATION

Catalog Number:	S01-064
Size:	20µg
Storage:	< -20° C
Expressed in:	E.coli
Purity:	> 90% by SDS-PAGE & silver stain
Buffer:	10 mM NaP, pH 7.0

Scientific Background:

Endomucin (endothelial sialomucin; also Endomucin-1/2 and Mucin-14) is an 80 - 120 kDa glycoprotein member of the Endomucin family of proteins. It is expressed on endothelial cells and depending upon its glycosylation pattern, can serve as either a pro- or anti-adhesive molecule.

Formulation and Storage:

The material is stable for greater than six months at -20° C to -70° C. After the first thawing it is recommended to aliquot the material, because repeated freeze-thaw cycles will decrease the activity.

Reconstitution: The lyophilized human soluble Endomucin is soluble in water and most aqueous buffers; it should be reconstituted in water or PBS to a concentration of not lower than 100 µg/ml. **AVOID REPEATED FREEZE AND THAW CYCLES.**

Sequence:

MGSSHHHHHHSSGLVPRGSHMGSHMNSTGVLEAANNSLVVTTTKPSITTPNTESLQ
KNVVTPPTTGTTPKGTITNELLKMSLMSTATFLTSKDEGLKATTTDVRKNDISIISNVTV
TSVTLPNAVSTLQSKPKTETQSSIKTTEIPGSVLQPDASPSKTGTLTSIPVTIPENTSQSQ
VIGTEGGKNASTSATSRSYSS

Database References

Protein RefSeq:	NP_001153166.1
Uniprot ID:	Q9ULC0
mRNA RefSeq:	NM_001159694.1

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

This product is sold for Research Use Only

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