

Recombinant Full Length Human ESM1 Protein, GST-tagged

Cat. No. ESM1-4707HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ESM1 full-length ORF (NP_008967.1, 1 a.a. - 184 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	184 amino acids
Description	This gene encodes a secreted protein which is mainly expressed in the endothelial cells in human lung and kidney tissues. The expression of this gene is regulated by cytokines, suggesting that it may play a role in endothelium-dependent pathological disorders. The transcript contains multiple polyadenylation and mRNA instability signals. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]
Molecular Mass	46.5 kDa
AA Sequence	MKSVLLLTLLVPAHLVAAWSNNYAVDCPQHCDSSSECKSSPRCKRTVLDDCGCCR VCAAGRGETCYRTVSGMDGMKCGPGLRCQPSNGEDPFGEEFGICKDCPYGTFGM DCRETCNCQSGICDRGTGKCLKFPPFQYSVTKSSNRFVSLTEHDMASGDGNIVREE VVKENAAGSPVMRKWLNPR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ESM1 endothelial cell-specific molecule 1 [Homo sapiens]
Official Symbol	ESM1
Synonyms	ESM1; endothelial cell-specific molecule 1; ESM-1; endocan;
Gene ID	11082
mRNA Refseq	NM_001135604
Protein Refseq	NP_001129076
MIM	601521
UniProt ID	Q9NQ30

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