

Recombinant Human ESM1 Protein (20-184aa), C-His tagged

Cat. No. ESM1-04H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ESM1 (20-184aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	20-184aa
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.
Form	Liquid
Molecular Mass	19.2 kDa (174aa)
AA Sequence	ADLWSNNYAVDCPQHCDSSSECKSSPRCKRTVLDDCGCCRVCAAGRGETCYRTVS GMDGMKCGPGLRCQPSNGEDPFGEEFGICKDCPYGTFGMDCRETCNCQSGICDR GTGKCLKFPFFQYSVTKSSNRFVSLTEHDMASGDGNIVREEVVKENAAGSPVMRK WLNPRHHHHHH

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Notes	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

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_007036
Protein Refseq	NP_008967
MIM	601521

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



UniProt ID

Q9NQ30

SDS-PAGE

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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