

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

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

### SPECIFICATION

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

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<b>Endotoxin</b>	< 1 EU/μg of protein (determined by LAL method)
<b>Purity</b>	> 90% by SDS-PAGE
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
<b>Storage</b>	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.
<b>Concentration</b>	0.25 mg/mL (determined by absorbance at 280nm)
<b>Storage Buffer</b>	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

## GENE INFORMATION

<b>Gene Name</b>	ESM1 endothelial cell-specific molecule 1 [ Homo sapiens ]
<b>Official Symbol</b>	ESM1
<b>Synonyms</b>	ESM1; endothelial cell-specific molecule 1; ESM-1; endocan;
<b>Gene ID</b>	11082
<b>mRNA Refseq</b>	NM_007036
<b>Protein Refseq</b>	NP_008967
<b>MIM</b>	601521

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**UniProt ID**


Q9NQ30

**SDS-PAGE**

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

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