

## 32-13221: ESM1 Human, SF9

**Alternative Name :** Endothelial Cell Specific Molecule 1, Endothelial Cell-Specific Molecule 1, ESM-1, Endocan.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

ESM1, also known as, Endothelial cell-specific molecule 1 is a protein encoded by a gene called ESM1 in humans. ESM1 is a secreted protein that is highly expressed in human kidney and lung tissues (in the endothelial cells). There are suggestions regarding the protein's involvement in endothelium-dependent pathological diseases, due to its regulation that is performed by cytokines.

ESM1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 174 amino acids (20-184a.a.) and having a molecular mass of 19.2kDa. (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). ESM1 is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

<b>Amount :</b>	1 µg / 5 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	ESM1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	ADLWSNNYAV DCPQHCDSS CKSSPRCKRT VLDDCGCCRV CAAGRGETCY RTVSGMDGMK CGPGLRCQPS NGEDPFGEEF GICKDCPYGT FGMDCRETCN CQSGICDRGT GKCLKFPFFQ YSVTKSSNRF VSLTEHDMAS GDGNIVREEV VKENAAGSPV MRKWLNPRHH HHHH.