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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 knows as, Endothelial cell-specific molecule 1Â 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 proteinÂ's involvement in endothelium-dependent pathological diseases, due to his 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

Amount :	1 µg / 5 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	ESM1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	ADLWSNNYAV DCPQHCDSSE CKSSPRCKRT VLDDCGCCRV CAAGRGETCY RTVSGMDGMK CGPGLRCQPS NGEDPFGEEF GICKDCPYGT FGMDCRETCN CQSGICDRGT GKCLKFPFFQ YSVTKSSNRF VSLTEHDMAS GDGNIVREEV VKENAAGSPV MRKWLNPRHH HHHH.