Recombinant Human Endothelial cell-specific molecule 1 (ESM1)

Product Code	CSB-MP007825HU
Abbreviation	ESM1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NQ30
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	W SNNYAVDCPQ HCDSSECKSS PRCKRTVLDD CGCCRVCAAG RGETCYRTVS GMDGMKCGPG LRCQPSNGED PFGEEFGICK DCPYGTFGMD CRETCNCQSG ICDRGTGKCL KFPFFQYSVT KSSNRFVSLT EHDMASGDGN IVREEVVKEN AAGSPVMRKW LNPR
Source	Mammalian cell
Target Names	ESM1
Protein Names	Recommended name: Endothelial cell-specific molecule 1 Short name= ESM-1
Expression Region	20-184
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life

of lyophilized form is 12 months at -20°C/-80°C.