

Human ESM1 Recombinant Protein



RPPB3468

Product Information Protein Information

Product SKU:

RPPB3468

Accession:

Q9NQ30

Host:

HEK293 cells.

Protein description:

ESM1 Human Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (a.a 20-184) containing 175 amino acids including a 10 a.a C-terminal His tag. The total molecular mass is 46.0kDa (calculated).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Endothelial cell-specific molecule 1, ESM-1, ESM1, endocan.

Formulation:

ESM1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in phosphate buffered saline.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. ESM1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

WSNNYAVDCP QHCDSECKS SPRCKRTVLD DCGCCRVCAA GRGETCYRTV SGMDGMKCGP GLRCQPSNGE
DPFGEEFGIC KDCPYGTFGM DCRETCNCQS GICDRGTGKC LKFPFFQYSV TKSSNRFVSL TEHDMASGDG
NIVREEVKE NAAGSPVMRK WLNPR HHHHH HHHHH.