



AVISCERA BIOSCIENCE

Human Endothelial Cell-specific Molecule 1 (ESM1), Recombinant

Product Information

Code	00318-01-100
Name	Human ESM1
Lot No.	
Size	100 µg
Species	Human
Sequence	Trp20-Arg184
Protein ID	Q9NQ30
Gene ID	11082
MW	20 KD (monomer), 40 KD (dimer)
Tag	His tag on N terminal
Source	E. Coli
Purity	>80% in SDS- PAGE gel Tris buffer
Formulation	lyophilized form without preservatives
Carry	Free
Storage	-20 °C ~ -70 °C
Reconstitution	TBS, 500 µl
Application	ELISA

Description

A DNA sequence encoding the human mature ESM1 (Trp²⁰-Arg¹⁸⁴) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

Formulation

Lyophilized 100 µg of human mature ESM1 in 100 µl of TBS (20 mM Tris, 50mM NaCl, pH8.0). Carry free.

Reconstitution & Storage

Add 500 µl deionized water to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Human Mature ESM1 (Trp²⁰-Arg¹⁸⁴)

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20 W
SNNYAVDCPQ HCDSSSECKSS PRCKRTVLDD CGCCRVC AAG
RGETCYRTVS GMDGMKCGPG LRCQPSNGED PFGEEFGICK
DCPYGTFGMD CRETCNCQSG ICDRGTGKCL KFPFFQYSVT
KSSNRFVSLT EHDMASGDGN IVREEVVKEN AAGSPV MRKW
LNPR 184
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