

Recombinant Mouse Esm1 protein, His-SUMO-tagged

Cat. No. Esm1-2871M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Esm1 protein(Q9QYY7)(22-184aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	22-184aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	33.7 kDa
AA Sequence	AKYAVDCPEHCDKTECRSSLRCKRTVLDDCGCCQVCAAGPGETCYRTVSGMDGV KCGPGLKCHFYSEEDDFGDEFGICKDCPYGTFGMECKETCNCQSGICDRVTGRCL DFPFFQYAAAKSPSRTSASHTERDSASGDGNAVREEIGEGNAARPSVMKWLNPR
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

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%.

GENE INFORMATION

Gene Name	Esm1 endothelial cell-specific molecule 1 [Mus musculus]
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Official Symbol	Esm1
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Synonyms	ESM1; endothelial cell-specific molecule 1; ESM-1; AV004503; 0610042H23Rik;
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Gene ID	71690
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mRNA Refseq	NM_023612
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Protein Refseq	NP_076101
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