

Recombinant Mouse ESM1 protein(Met1-Arg184), His-tagged

Cat. No. Esm1-8703M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TLR2 (Q9QYY7) (Met1-Arg184) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	1-184 a.a.
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10%gly. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse ESM1 consists of 174 amino acids and has a calculated molecular mass of 19.17 kDa. The recombinant protein migrates as an approximately 23 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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