

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse TLR2 (Q9QYY7) (Met1-Arg184) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-184 a.a.
<b>Form</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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* ]

**Official Symbol** ESM1

**Synonyms** ESM1; endothelial cell-specific molecule 1; ESM-1; AV004503; 0610042H23Rik;

**Gene ID** 71690

**mRNA Refseq** NM\_023612

**Protein Refseq** NP\_076101

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