

Active Recombinant Mouse Ecm1 protein, His-tagged

Cat. No. Ecm1-4027M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ecm1 protein(Q61508-1)(Met1-Glu559), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-559 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of HFF Human skin fibroblast cells. When 5×10^4 cells/well are added to mECM1-His coated plates (2.5 µg/mL and 100 µL/well), approximately > 45 % will adhere specifically after 90 minutes at 37 °C.
Molecular Mass	The secreted recombinant mouse ECM1 comprises 551 amino acids and has a predicted molecular mass of 62.5 kDa. As a result of glycosylation, the apparent molecular mass of rm ECM1 is approximately 90-95 kDa in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Glu559

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 88 % 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.
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	Ecm1 extracellular matrix protein 1 [Mus musculus]
Official Symbol	Ecm1
Synonyms	ECM1; extracellular matrix protein 1; secretory component p85; p85; AI663821;
Gene ID	13601
mRNA Refseq	NM_001252653
Protein Refseq	NP_001239582

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