

Active Recombinant Mouse Jam2 protein, hFc-tagged

Cat. No. Jam2-909M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Jam2 protein(NP_076333.3)(Met1-Asn236), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asn236
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 Jurkat human leukemic T cells. When 8 x 10E4 cells/well are added to JAM2-coated plates (0.2 µg/ml and 100 µl/well), approximately 40-55% will adhere specifically after 60 minutes at 37°C.
Molecular Mass	The secreted recombinant mouse JAM-2/Fc is a disulfide-linked homodimeric protein. The reduced monomer comprises 449 amino acids and has a predicted molecular mass of 50.3 kDa. rm JAM-2/Fc monomer migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per

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	µg of the protein as determined by the LAL method
Purity	> 70 % 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	Jam2 junction adhesion molecule 2 [<i>Mus musculus</i>]
Official Symbol	Jam2
Synonyms	JAM2; junction adhesion molecule 2; junctional adhesion molecule B; junction adhesion molecule B; junctional adhesion molecule 2; junction cell adhesion molecule 2; vascular endothelial junction-associated molecule; JAM-2; JAM-B; Jcam2; VE-JAM; 1110002N23Rik; 2410030G21Rik; 2410167M24Rik;
Gene ID	67374
mRNA Refseq	NM_023844
Protein Refseq	NP_076333

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