

Recombinant Rat Jam2 Protein, His-tagged

Cat. No. Jam2-1706R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Jam2 Protein (Thr57-Asp233) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Thr57-Asp233
Description	Predicted to enable integrin binding activity. Predicted to be involved in several processes, including hematopoietic stem cell migration to bone marrow; leukocyte tethering or rolling; and negative regulation of myelination. Predicted to act upstream of or within negative regulation of cell adhesion. Predicted to be located in several cellular components, including cell surface; cell-cell contact zone; and tight junction. Predicted to be integral component of plasma membrane. Predicted to be part of protein complex involved in cell adhesion. Human ortholog(s) of this gene implicated in basal ganglia calcification. Orthologous to human JAM2 (junctional adhesion molecule 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.5 kDa Accurate Molecular Mass: 31 kDa
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Jam2 junctional adhesion molecule 2 [Rattus norvegicus (Norway rat)]
Official Symbol	Jam2
Synonyms	JAM2; junctional adhesion molecule 2; junctional adhesion molecule B; junction adhesion molecule 2;
Gene ID	619374
mRNA Refseq	NM_001034004
Protein Refseq	NP_001029176
UniProt ID	Q3MHC0

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