

RP02666

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Recombinant Mouse JAM-A Protein

Catalog No.: RP02666

Recombinant

1 Publications

Sequence Information

Species	Gene ID	Swiss Prot
Mouse		O88792

Tags

C-His

Synonyms

JAM-A; JAM-1; CD321; JAM; JCAM; JCAM1; KAT; PAM-1; F11 receptor; F11R; PAM-1KAT

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE

Endotoxin

Less than 1EU per µg by the LAL method.

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Background

junctional adhesion molecule A (JAM-A), a cell adhesion molecule, is highly elevated in human GBM cancer stem cells and predicts poor patient prognosis. While JAM-A is also highly expressed in other cells in the tumor microenvironment, specifically microglia and macrophages, JAM-A functions to suppress pathogenic microglial activation in the female tumor microenvironment, highlighting an emerging role for sex differences in the GBM microenvironment and suggesting that sex differences extend beyond previously reported tumor cell-intrinsic differences.

Basic Information

Description

Recombinant Mouse JAM-A Protein is expressed from Expi293 with His tag at the C-terminal. It contains Lys27-Gly238.

Bio-Activity

Storage

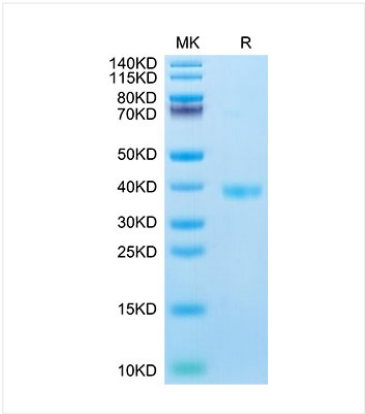
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Mouse JAM-A on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.