

For Research Use Only

Recombinant Human JAM3 protein (rFc Tag)



Catalog Number: Eg6611

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g protein, LAL method

Source:
HEK293-derived Human JAM3 protein Val32-Asn241 (Accession# Q9BX67-1) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
83700

Accession:
Q9BX67-1

Predicted Molecular Mass:
49.9 kDa

SDS-PAGE:
52-62 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Junctional adhesion molecule 3 (JAM3) is a type I transmembrane glycoprotein containing two Ig-like domains, which is expressed in various tissues and plays a crucial role in cell junctions, cell polarity, and motility. It has been proposed that JAM3 participates in leukocyte-platelet interactions, as well as angiogenesis and brain development.

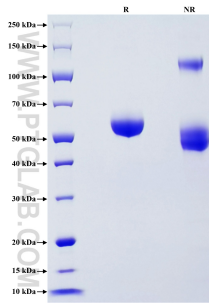
References

1. De Rose, Domenico Umberto et al. Neurological sciences : official journal of the Italian Neurological Society and
2. Ebnet, Klaus. Physiological reviews vol. 97,4 (2017): 1529-1554.
3. Akawi, Nadia A et al. Human mutation vol. 34,3 (2013): 498-505.

Synonyms

JAM-2, JAM-3, JAM-C, Junctional adhesion molecule 3, Junctional adhesion molecule C

Selected Validation Data



Purity of Recombinant Human JAM3 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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