

Datasheet for ABIN7557575
JAGN1 Protein (AA 1-183) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	JAGN1
Protein Characteristics:	AA 1-183
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This JAGN1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Jagn1 Protein expressed in mammalien cells.
Sequence:	<p>MASRAGPRAA GTDGSDFQHR ERVAMHYQMS VTLKYEIKKL IYVHLVIWLL LVAKMSVGHL RLLSHDQVAM PYQWEYPYLL SIVPSVLGLL SFPRNNISYL VLISMISMGLF SIAPLIYGSM EMFPAAQQLY RHGKAYRFLF GFSAVSVMYL VLVLAQVHA WQLYYSKKLL DSWFTSTQEK KRK</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	JAGN1
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Alternative Name:	Jagn1 (JAGN1 Products)
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Background:	Protein jagunal homolog 1,FUNCTION: Endoplasmic reticulum transmembrane protein involved in vesicle-mediated transport, which is required for neutrophil function. Required for vesicle-mediated transport, it is however unclear whether it is involved in early secretory pathway or intracellular protein transport. Acts as a regulator of neutrophil function, probably via its role in vesicle-mediated transport: required for defense against fungal pathogens and for granulocyte colony-stimulating factor (GM-CSF) signaling pathway, possibly by regulating glycosylation and/or targeting of proteins contributing to the viability and migration of neutrophils. {ECO:0000269 PubMed:25129145, ECO:0000305}.
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Molecular Weight:	21.1 kDa
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UniProt:	Q5XKN4
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months