

Datasheet for ABIN7548593  
**JAGN1 Protein (AA 1-183) (His tag)**



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## Overview

Quantity:	1 mg
Target:	JAGN1
Protein Characteristics:	AA 1-183
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This JAGN1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant JAGN1 Protein expressed in mammalian cells.
Sequence:	MASRAGPRAA GTDGSDQFQHR ERVAMHYQMS VTLKYEIKKL IYVHLVIWLL LVAKMSVGHLL RLLSHDQVAM PYQWEYPYLL SILPSLLGLL SFPRNNISYL VLISMISMGLF SIAPLIYGSM EMFPAAQQLY RHGKAYRFLF GFSAVSIMYL VLVLAVQVHA WQLYYSKLL DSWFTSTQEK KHK <b>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.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and</li></ul>

## Product Details

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transmembrane proteins.

- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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## Target Details

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Target:	JAGN1
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Alternative Name:	JAGN1 ( <a href="#">JAGN1 Products</a> )
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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:25129144, ECO:0000305}.
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Molecular Weight:	21.1 kDa
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UniProt:	<a href="#">Q8N5M9</a>
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## Application Details

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Application Notes:	We expect the protein to work for functional studies. 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

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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