

Datasheet for ABIN7561493

Claudin 12 Protein (CLDN12) (AA 1-244) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Claudin 12 (CLDN12)
Protein Characteristics:	AA 1-244
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Claudin 12 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Cldn12 Protein expressed in mammalien cells.
Sequence:	<p>MGCRDVHAAT VLSFLCGIAS VAGLFAGTLL PNWRKRLRLIT FNRNEKNLTI YTGLWVKCAR YDGSSDCLMY DRTWYLSVDQ LDLRVLQFAL PLSIVIAMGA LLLCLIGMCN TAFNSSVPNI KLAKCLVNSA GCHLVAGLLF FLAGTVSLSP SIWAIFYNSH LNRKFEPVFT FDYAVFVTIA SSGGLFMTAL LLFVWYCACK SLSSPFWQPL YSHAPGMHTY SQPYSSRSRL SAIEIDIPVV SHST</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

Product Details

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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
---------	---

Grade:	custom-made
--------	-------------

Target Details

Target:	Claudin 12 (CLDN12)
---------	---------------------

Alternative Name:	Cldn12 (CLDN12 Products)
-------------------	--

Background:	Claudin-12,FUNCTION: Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. {ECO:0000250}.
-------------	--

Molecular Weight:	27.0 kDa
-------------------	----------

UniProt:	Q9ET43
----------	------------------------

Pathways:	Cell-Cell Junction Organization
-----------	---

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.
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Handling

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