

Datasheet for ABIN7558994

Claudin 17 Protein (CLDN17) (AA 1-224) (His tag)



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Overview

Quantity:	1 mg
Target:	Claudin 17 (CLDN17)
Protein Characteristics:	AA 1-224
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Claudin 17 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Cldn17 Protein expressed in mammalian cells.
Sequence:	<p>MAFYPLQIAG LVLGFFGLVG TIGTTLLPQW RVSAFIGSNI IIFERIWEGL WMNCIQQAMV</p> <p>TLQCKFYNSI LALPPVLEAA RALMCVAVAL ALVALIIGIC GMKQLQCTGS SERVKAYLLG</p> <p>TSGVLFILTG IFVLIPVSWT ANIIRDFYD PTVHAGQKRE LGGALFLGWA TAAVLFIGGG</p> <p>LLCGYCCCNR KERWHRYVPV AYRVPQKDNQ RNVTVPRKSS TSYV 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 mammalian 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 17 (CLDN17)

Alternative Name: Cldn17 ([CLDN17 Products](#))

Background: Claudin-17,FUNCTION: Channel-forming tight junction protein with selectivity for anions, including chloride and bicarbonate, and for solutes smaller than 9 Angstrom in diameter. In the kidney proximal tubule, may be involved in quantitative reabsorption of filtered anions. Does not affect water permeability. {ECO:0000250|UniProtKB:P56750}.

Molecular Weight: 24.7 kDa

UniProt: [Q8BXA6](#)

Pathways: [Cell-Cell Junction Organization](#), [Hepatitis C](#)

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
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