

Datasheet for ABIN7557671

Occludin Protein (OCLN) (AA 1-521) (His tag)



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Overview

Quantity:	1 mg
Target:	Occludin (OCLN)
Protein Characteristics:	AA 1-521
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Occludin protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ocln Protein expressed in mammalian cells.
Sequence:	<p>MSVRPFESPP PYRPDEFKPN HYAPSNDMYG GEMHVRPMLS QPAYSFYPED EILHFYKWTS</p> <p>PPGVIRILSM LIIVMCIAIF ACVASTLAWD RGYGTGLFVG SLNYPYSGFG YGGGYGGGYG</p> <p>GYGYGYGGYT DPRAAKGFL AMAAFCFIAS LVIFVTSVIR SGMSRTRRY LIVIIVSAIL GIMVFIATIV</p> <p>YIMGVNPTAQ ASGSMYGSQI YMICNQFYTP GGTGLYVDQY LYHYCVVDPQ EAIAIVLGFM</p> <p>IIVAFALIIF FAVKTRRKMD RYDKSNILWD KEHIYDEQPP NVEEWKKNVS AGTQDMPPPP</p> <p>SDYAERVDSP MAYSSNGKVN GKRSYPESFY KSTPLVPEVA QEIPLTLSVD DFRQPRYSSN</p> <p>GNLETPSKRA PTKGKAGKGK RTDPDHYETD YTTGGESCEE LEEDWVREYP PITSDQQRQL</p> <p>YKRNFDAQLQ EYKSLQAELD DVNKELSRLD KELDDYREES EYMAAADEY NRLKQVKGSA</p> <p>DYKSKRNYCK QLKSKLSHIK RMVGDYDRRK P Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>

Product Details

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:	<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 transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	Occludin (OCLN)
Alternative Name:	Ocln (OCLN Products)
Background:	Occludin,FUNCTION: May play a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier.
Molecular Weight:	59.0 kDa
UniProt:	Q61146
Pathways:	Cell-Cell Junction Organization , Hepatitis C

Application Details

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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Application Details

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