Datasheet for ABIN7553183
CGNL1 Protein (AA 1-1302) (His tag)

Overview

Quantity:	1 mg
Target:	CGNL1
Protein Characteristics:	AA 1-1302
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CGNL1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CGNL1 Protein expressed in mammalian cells.
Sequence:	MELYFGEYQH VQQEYGVHLR LASDDTQKSR SSQNSKAGSY GVSIRVQGID GHPYIVLNNT ERCLAGTSFS ENGPPFPPPV INNLPLHSSN GSVPKENSEE LQLPENPYAQ PSPIRNLKQP LLHEGKNGVL DRKDGSVKPS HLLNFQRHPE LLQPYDPEKN ELNLQNHQPS ESNWLKTLTE EGINNKKPWT CFPKPSNSQP TSPSLEDPAK SGVTAIRLCS SVVIEDPKKQ TSVCVNVQSC TKERVGEEAL FTSGRPLTAH SPHAHPETKK TRPDVLPFRR QDSAGPVLDG ARSRRSSSSS TTPTSANSLY RFLLDDQECA IHADNVNRHE NRRYIPFLPG TGRDIDTGSI PGVDQLIEKF DQKPGLQRRG RSGKRNRINT DDRKRSRSVD SAFPFGLQGN SEYLIEFSRN LGKSSEHLLR PSQVCPQRPL SQERRGKQSV GRTFAKLQGA AHGASCAHSR PPQPNIDGKV LETEGSQEST VIRAPSLGAQ SKKEEEVKTA TATLMLQNRA TATSPDSGAK KISVKTFPSA SNTQATPDLL KGQQELTQQT NEETAKQILY NYLKEGSTDN DDATKRKVNL VFEKIQTLKS RAAGSAQGNN QACNSTSEVK DLLEQKSKLT IEVAELQRQL QLEVKNQQNI KEERERMRAN LEELRSQHNE KVEENSTLQQ RLEESEGELR KNLEELFQVK MEREQHQTEI RDLQDQLSEM HDELDSAKRS

Product Details

EDREKGALIE ELLQAKQDLQ DLLIAKEEQE DLLRKREREL TALKGALKEE VSSHDQEMDK

LKEQYDAELQ ALRESVEEAT KNVEVLASRS NTSEQDQAGT EMRVKLLQEE NEKLQGRSEE

LERRVAQLQR QIEDLKGDEA KAKETLKKYE GEIRQLEEAL VHARKEEKEA VSARRALENE

LEAAQGNLSQ TTQEQKQLSE KLKEESEQKE QLRRLKNEME NERWHLGKTI EKLQKEMADI

VEASRTSTLE LQNQLDEYKE KNRRELAEMQ RQLKEKTLEA EKSRLTAMKM QDEMRLMEEE

LRDYQRAQDE ALTKRQLLEQ TLKDLEYELE AKSHLKDDRS RLVKQMEDKV SQLEMELEEE

RNNSDLLSER ISRSREQMEQ LRNELLQERA ARQDLECDKI SLERQNKDLK SRIIHLEGSY

RSSKEGLVVQ MEARIAELED RLESEERDRA NLQLSNRRLE RKVKELVMQV DDEHLSLTDQ

KDQLSLRLKA MKRQVEEAEE EIDRLESSKK KLQRELEEQM DMNEHLQGQL NSMKKDLRLK

KLPSKVLDDM DDDDDLSTDG GSLYEAPVSY TFSKDSTVAS QI **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.**

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: • 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). 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	CGNL1
Alternative Name:	CGNL1 (CGNL1 Products)
Background:	Cingulin-like protein 1 (Junction-associated coiled-coil protein) (Paracingulin),FUNCTION: May be involved in anchoring the apical junctional complex, especially tight junctions, to actin-based cytoskeletons. {ECO:0000269|PubMed:22891260}.
Molecular Weight:	149.1 kDa
UniProt:	Q0VF96

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.
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