

Datasheet for ABIN7550557

Pcdhb18 Protein (AA 1-734) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Pcdhb18 (PCDHB18)
Protein Characteristics:	AA 1-734
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Pcdhb18 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PCDHB18P Protein expressed in mammalian cells.
Sequence:	<p>MWKTWLQGGA RVIFDDYKPY LRLDPQNGDL LLNEQLDREA LCDLTEPCIL HFQVLFENPL</p> <p>QFFRAELLYK DINDHTPTFL NNHMLLKISE GATLGTLFQI DSAQDLVDVGK NGVQNYTISP</p> <p>NPHFHLKLRD SDEGRKYPEL VLDQSLDREK VSEFSLTLTA VDGGSPPRSG TTLINVVVLD</p> <p>ISDNAPEFEK PVYEVLPES SPLDSLIIKA SATDL DAGIN GELSYSFSHV SRDVRKTFEI</p> <p>HPISGEVYLK APLDFEIIQS YIINIQAIEG GSLSGKSSIL VRVVDVNDNP PEIAMTSLTS PIPENSPEM</p> <p>VVAVFSIRDQ DAGDNGRTVC SIQDNLPFVL KPTFKNFYAL VTEHPLDREV RNEYNITITV</p> <p>TDLGTPRLKT EHNITVLVSD VNDNAPIFTQ TSYTLFVREN NSPALHIGSV SATDRDSGTN</p> <p>AQVTYSLLPP QDPLPLTSL VSINADNGHL FALRSLDYEA LQEFGRVGA ADHGSPALSS</p> <p>EVLVRVLVLD ANDNSPFVLY PLQNGSAPCT ELVPRAAEPG YLVTKVAVD GDGSGQNAWLS</p> <p>YQLLKATEPG LFGVWAHNGE GRTARLLSER DAAKHRLVVL VKDNGEPPRS ATATLHVLLV</p> <p>EGFSQPYLPL TEAAPSQAQA DSLTVYLVVA LASVSSLFLF SVFLFVAVRL CRRSRAASMG</p> <p>RCSVPECPFP GHLVDVSGTG TLSQSYQYEV CLTGGSGANE FKFLKPVIPN LLSRDSEMEK APPF</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.

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:	Pcdhb18 (PCDHB18)
Alternative Name:	PCDHB18P (PCDHB18 Products)
Background:	Putative protocadherin beta-18 (PCDH-beta-18) (PCDH-psi2),FUNCTION: Potential calcium-dependent cell-adhesion protein. {ECO:0000250}.
Molecular Weight:	80.4 kDa
UniProt:	Q96TA0

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