

Datasheet for ABIN7556935
PTCHD3 Protein (AA 1-906) (His tag)



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Overview

Quantity:	1 mg
Target:	PTCHD3
Protein Characteristics:	AA 1-906
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTCHD3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Ptchd3 Protein expressed in mammalien cells.
Sequence:	MISSKVAPGE EEQGESP SKV ELGEAEEQRE APLEGQLEAV PLDEAGPSWT TGPPLERLPP LGQEAPPPRR CHTNCLEAPL SRGFQRF GAT VGANPWLFL L GPALLTASLG TGLIFLPKEK ENLEEQYTP I GSPAKAERRF VQGHFSTNDT YRFSASRTSS ETNFASILVV SLANSLLEPE IFKEVSKLDQ AVQALKVVQE NGTQILYQEV CAKYKTL CVP PNPLLSWQH NSSLNLSDLT FPIHNTPTQL IYLAGFFGGN VLGQMTGKSQ RLVESRAMRL LYYLKTEDPE DSERSQAWLT HFLDHFNDMK SSLTLEEIEV VYFSSLSRQL EFEATSKTVI PLFHLAYILI ILFAVWSCSR LDCIRNKMCV AVFGVFSVAM SVVSGFGLML HLGVPFVIIV ANSPFLILGV GVDDMFIMIS AWQKTSLS ES IRERLSNSYS KVAVSITITT ITNVLAFYTG ITSSFRSVQY FCIYTGTTLL FCYFYSITCF GAVMALDGKR EVAWSRWLEK PDQKYSSLKK SCCVPGSLI DKHGEDNHPM NLFFRDYFGP FLTTSKAKFI VLLYIFYII SSIYGCFQVQ EGLDLRNLAS DDSYITPYFN VEEDYFSDYG PRVMVIVTES VNYWDNDVRQ KLDKCMTQFE ENEYVDKNLT EFWLEAYMQY MNSSGNNPND

Product Details

KNTFMNNIAG FLQFFPIFTY DINISSSNEI TSSRGFIQIV DVSSSSNKKR MLLKLRSAIE
NCEVPLMVYN QAFIYFDQYA AIENTVRNV MIASTAMFIV SLLIPHPVC SLWVTFAIAS
VIVGVTGFMA FWNVNLDNIS MINLVICIGF SFDFSAHISY AFVSSTEPSV NKKSIEALYL
LGYPVLQSAI STIIGVCVLS AAKAYIFRTF FKIMFLVMFF GAAHGLIFIP VFLTFF **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

PTCHD3

Alternative Name:

Ptchd3 ([PTCHD3 Products](#))

Background:

Patched domain-containing protein 3 (RND-type protein RNDEu-3),FUNCTION: May play a role in sperm development or sperm function (PubMed:17904097). However, does not appear to have an essential role in spermatogenesis or male fertility (PubMed:34493359).
{ECO:0000269|PubMed:17904097, ECO:0000269|PubMed:34493359}.

Molecular Weight:

101.8 kDa

Target Details

UniProt: [Q0EEE2](#)

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