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Datasheet for ABIN7544295
TUBD1 Protein (AA 1-453) (His tag)

Overview

Quantity:	1 mg
Target:	TUBD1
Protein Characteristics:	AA 1-453
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBD1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TUBD1 Protein expressed in mammalian cells.
Sequence:	MSIVTVQLGQ CGNQIGFEVF DALLSDSHSS QGLCSMRENE AYQASCKERF FSEEENGVP ARAVLVDMEP KVINQMLS KA AQSGQWKYGG HACFCQKQGS GNNWAYGYSV HGPRHEESIM NIIRKEVEKC DSFSGFFIIM SMAGGTGSG L GAFVTQNLED QYSNSLKMNQ IWPYGTGEV IVQNYNSILT LSHLYRSSDA LLLHENDAIH KICAKLMNIK QISFSDINQV LAHQLGSVFQ PTYSAESSFH YRRNPLGDLM EHLVPHPEFK MLSVRNIPHM SENSLAYTTF TWAGLLKHLR QMLISNAKME EGIDRHVWPP LSGLPPLSKM SLNKDLHFNT SIANLVILRG KDVQSADVEG FKDPALYTSW LKPVNAFNWV KTQRAF SKYE KSAVLVSNSQ FLVKPLDMIV GKAWNMFASK AYIHQYTKFG IEEEDFLDSF TSLEQVVASY CNL 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

Product Details

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:

TUBD1

Alternative Name:

TUBD1 ([TUBD1 Products](#))

Background:

Tubulin delta chain (Delta-tubulin),FUNCTION: Acts as a positive regulator of hedgehog signaling and regulates ciliary function. {ECO:0000250|UniProtKB:Q9R1K7}.

Molecular Weight:

51.0 kDa

UniProt:

[Q9UJT1](#)

Pathways:

[Microtubule Dynamics](#)

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