

Datasheet for ABIN7556217  
**TUBD1 Protein (AA 1-455) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TUBD1
Protein Characteristics:	AA 1-455
Origin:	Mouse
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:	<p>MSIVTVQLGQ CGNQIGFEVF DALFRDSHCS QGLCSKRDNE AYQASCRERF FREEENGVPV            ARAVLVDMEP KVINQTLKA AQSGRWNYGQ HTSFCQKQGS GNNWAYGYSV HGPKEESIM            NLIQTEVEKC DSLSGFFIIM SMAGGTGSLG GAFVTQKLQD QYSSSLKMNQ IWPYGTGEV            IVQNYNSILT LSHLYRSSDA LLIHENDAVH KICAKRMNIK QISFRDLNQV LAHQLGSVFQ            PTYSEDSSFH YRRNPLGDLM EHLVPHPEFK MLGVRNIPQM SAASLAYSFA TWAGLLKHLR            QMLISSAKME EGINWQVRPP LTGLPPIGKA SAHKEHHFNT SLANLVVLRG REVHSADVEG            FKDPALYTSW LEPVDAFSVW KTQRAFDKYE KSAALVSNSQ LLVKPLDMIV GKAWNMFSSK            AFIHQYTKFG MEEEDFLDSF ALLEQVVASY GSLGP <b>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.</b></p>
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 (PubMed:29290584).  
{ECO:0000269|PubMed:29290584}.

### Molecular Weight:

51.0 kDa

### UniProt:

[Q9R1K7](#)

### 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.

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