

Datasheet for ABIN7558128

**Tektin 3 Protein (TEKT3) (AA 1-490) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Tektin 3 (TEKT3)
Protein Characteristics:	AA 1-490
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tektin 3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Tekt3 Protein expressed in mammalian cells.
Sequence:	MELLGSTLTA TYAHPPPASA SFLPAIGTIT SSYKDRFPHR NLTHSLSLPW RPNTYYKTAY NYPTLAPYSS RSQRVCESTM LPFVSNRTTF FTRYTPDDWY RSNLVSFQES NSSRHNSERL RVDTSRLIQD KYQQIRKTQA HSTQNLGERV NDIAFWKSEI THELDEMIGE TNALTDIKRR LERGLIETEG PLQVSRECLF HREKRMGIDL VHDEAEKELL AEVDLILCCQ ERMRQHLDKA NAQLASDRSA QHELEKDLSD KQAALRIDDK CQHRLRNTSEG VSYFRGVERV DATVSVPETW AKFTDDNVLR SQSERAASAK LREETENLLI VTANEMWNQF NKVNLAFTNR IAETVDAKNK IHTHLTKTLQ EIFQIEMTIE SIKKAIKEKS AFLKVAQTRL DERTRRPNVE LCRDMAQLRL VNEVYEVDLQ IQTLQQLRLD SEDTLQSLAH TKATLEHDLA VKANTLYIDQ EKCMSMRNSY PSTLRLVGYC <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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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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

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### Target:

Tektin 3 (TEKT3)

### Alternative Name:

Tekt3 ([TEKT3 Products](#))

### Background:

Tektin-3,FUNCTION: Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia and flagellar axoneme. Forms filamentous polymers in the walls of ciliary and flagellar microtubules (By similarity). Required for normal sperm mobility (PubMed:18951373). {ECO:0000250|UniProtKB:A6H782, ECO:0000269|PubMed:18951373}.

### Molecular Weight:

56.7 kDa

### UniProt:

[Q6X6Z7](#)

## Application Details

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### 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

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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