

Datasheet for ABIN7544307

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:	Human
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:	MERVGCTLTT TYAHRPTPT NFLPAISTMA SSYDRFPHS NLTHSLSLPW RPSTYYKVAS NSPSVAPYCT RSQRVSENTM LPFVSNRTTF FTRYTPDDWY RSNLTNYQES NTSRHNSEKL RVDTSRLIQD KYQQTRKTA DTTQNLGERV NDIGFWKSEI IHELDEMIGE TNALTDVKKR LERALMETEA PLQVARECLF HREKRMGIDL VHDEVEAQLL TEVDLILCCQ ERMKLHLDKA IAQLAANRAS QHELEKDLSD KQTAYRIDDK CHHLRNTSDG VGYFRGVERV DATVSVPEWS AKFTDDNILR SQSERAASAK LRDDIENLLV VTANEMWNQF NKVNLSFTNR IAETADAKNK IQTHLAKTLQ EIFQTEMTIE SIKKAIKDKT AFLKVAQTRL DERTRRPNIE LCRDMAQLRL VNEVHEVDDT IQTLQQLRD AEDTLQSLVH IKATLEYDLA VKANSLYIDQ EKCMSMRKSY PNTLRLVGFC 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:

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 (PubMed:36191189). Forms filamentous polymers in the walls of ciliary and flagellar microtubules (By similarity). Required for normal sperm mobility (By similarity). {ECO:0000250|UniProtKB:A6H782, ECO:0000250|UniProtKB:Q6X6Z7, ECO:0000269|PubMed:36191189}.

Molecular Weight:

56.6 kDa

UniProt:

[Q9BXF9](#)

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