

Datasheet for ABIN7560221

TEKT2 Protein (AA 1-430) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TEKT2
Protein Characteristics:	AA 1-430
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TEKT2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Tekt2 Protein expressed in mammalien cells.
Sequence:	<p>MATLSFKPSE RYRLSDWRTN SYLLSTNAER QRDASHQIRQ EARILRNETN NQIVWDEHDN</p> <p>RTRLAERIDT VNRWKETLDK CLTDLDAEID SLAQAKESAE QNLQAKNLPL DVAIECLTLR</p> <p>ESRRDIDVVR DPVEEELLKE VEVIEATKKV LQEKISQAFQ HLCLLQEIRQ QLNSDHRDKM</p> <p>ETLEIDRGCL SLNLTSPNIS LKVNPTRIK DSTTLQQWDE FTRFNKNRAE AEMKASIELR</p> <p>EAIALIAQT NNELDAQRVA TEFTFRKRLR EMESFYSELK WQEKNTLEEI AELQGDIRRL</p> <p>EEDLRRKMMN LKLAHTRLES RTYRSNVELC RDQTQYGLID EVHQLEATIN TMKQKLAQTQ</p> <p>NALDALFKHL ARIQADIACK TNTLLDTC MDTRRKLTV AEKFVPQVDT FTRTTNRTLS</p> <p>PLKICQLELT 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.</p>
Characteristics:	Key Benefits:

Product Details

- 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:	TEKT2
---------	-------

Alternative Name:	Tekt2 (TEKT2 Products)
-------------------	--

Background:	Tektin-2 (Tektin-t) (Testicular tektin),FUNCTION: Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia and flagellar axoneme (PubMed:15340058). Plays a key role in the assembly or attachment of the inner dynein arm to microtubules in sperm flagella and tracheal cilia (PubMed:15340058). Forms filamentous polymers in the walls of ciliary and flagellar microtubules (PubMed:15340058). {ECO:0000269 PubMed:15340058}.
-------------	---

Molecular Weight:	50.3 kDa
-------------------	----------

UniProt:	Q922G7
----------	------------------------

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.
--------------------	--

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