

Datasheet for ABIN7562158  
**TEKT5 Protein (AA 1-557) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TEKT5
Protein Characteristics:	AA 1-557
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TEKT5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Tekt5 Protein expressed in mammalian cells.
Sequence:	<p>MEFLGTTQTA SFCGPKKGCG LQALPPAGQE PVVQECYQPF HLPGYRYLNA WRPSVFHKIA</p> <p>TSQTIPEECS GIRRPPTILP SLRSALFCRY TPRDWDRSND LQIRNAEASR LWASRLTGDS</p> <p>LRIMQDKDQL IHQMQEGTSR NLGQRLSDLG FWKSELCYEL DRLLTENSSM DTLKRRLCA</p> <p>AEVNCPLQV ALECLYNREK RIGIDLVDHN VEKNLIREVD LLKCCQDQMR KLAKRIDFQI</p> <p>RDNRDAQHSL ERDIEDKSSA QYIDENCFNL RSTSDSISFF HGVEKFDGTV SIPETWAKFS</p> <p>NDNIRHAQNM RANSIRLREE AEHLFETLSD QMWKQFTNTN LAFNARISEE TDVKNKLQQT</p> <p>LAKILQEIQ AENTIMLLER AIVAKEYPLK MAQTMLACRT RRPNVLCRD VPQFRLVNEV</p> <p>FTIDDTLQTL KLRLRETQDT LQLLVMTKSR LEHELAIKAN TLCIDKDKCM SMRKSFPSTP</p> <p>RLTGYTCSAI GSGPYANHAP RISSGPCSGS ALCKGPASCG GGASCGGGAS CGGHAPCGSA</p> <p>LCSHSVSRSG PGFAPVC <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</b></p>

## Product Details

**another tag necessary. In case you have a special request, please contact us.**

### 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, Western Blot

### Grade:

custom-made

## Target Details

### Target:

TEKT5

### Alternative Name:

Tekt5 ([TEKT5 Products](#))

### Background:

Tektin-5,FUNCTION: May be a structural component of the sperm flagellum.  
{ECO:0000305|PubMed:20378928}.

### Molecular Weight:

62.7 kDa

### UniProt:

[G5E8A8](#)

## 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.

### 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