

## Recombinant Human TEKT2 Protein, His-tagged

Cat. No. TEKT2-2759H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TEKT2 Protein (Met1-Ala430) with a N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Ala430
<b>Description</b>	This gene product belongs to the tektin family of proteins. Tektins comprise a family of filament-forming proteins that are coassembled with tubulins to form ciliary and flagellar microtubules. This gene is expressed in the testis and its protein is localized to the flagella of the sperms, indicating that it may play a role in spermatogenesis.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 53.4 kDa Accurate Molecular Mass: 53 kDa
<b>Endotoxin</b>	<1.0 EU per 1g (determined by the LAL method).
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	TEKT2 tektin 2 (testicular) [ Homo sapiens (human) ]
<b>Official Symbol</b>	TEKT2
<b>Synonyms</b>	TEKT2; tektin 2 (testicular); tektin-2; TEKTB1; tektin-B1; testicular tektin B1-like protein; TEKTIN-T; h-tektin-t;
<b>Gene ID</b>	27285
<b>mRNA Refseq</b>	NM_014466
<b>Protein Refseq</b>	NP_055281
<b>MIM</b>	608953
<b>UniProt ID</b>	Q9UIF3

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