

Recombinant Human TEK2 Protein, His-tagged

Cat. No. TEK2-2759H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TEK2 Protein (Met1-Ala430) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ala430
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.4 kDa Accurate Molecular Mass: 53 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

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

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