

Recombinant Human TEK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TEK2-4740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TEK2 MS Standard C13 and N15-labeled recombinant protein (NP_055281) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	49.7 kDa
AA Sequence	MATLSVKPSRRFQLPDWHTNSYLLSTNAQLQRDASHQIRQEARVLRNETNNQTIWD EHDNRTRLVERIDTVNRWKEMLDKCLTDLDAEIDALTQMKESAEQNLQAKNLPLDVA IECLTLRESRRDIDVVKDPVEDELHKEVEVIEATKKALQQKVSQAFEQLCLLQEVQQQ LNSDHRGKMETLEIDRGCLSLNLRSPNISLKVDPTRVPDGGSTTLQQWDDFSRFNKD RAEAEMKAATELREATAITIAETNNELEAQRVATEFAFRKRLREMEKVYSELKWQEK NTLEEIAELQEDIRHLEEDLRTKLLSLKLSHTRLEARTYRPNVELCRDQAQYGLTDEV HQLEATIAALKQKLAQAQDALDALCKHLARLQADIACKANSMLLDTKCMDTRRKLT PAERFVPEVDTFTRTTNSTLSPLKSCQLELATRTRPLEQKLISEEDLAANDILDYKDD DDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

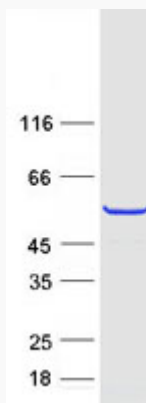
GENE INFORMATION

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

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SDS-PAGE

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