

Product datasheet for PH307425

TEKT2 (NM_014466) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TEKT2 MS Standard C13 and N15-labeled recombinant protein (NP_055281)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207425
Predicted MW:	49.7 kDa
Protein Sequence:	>RC207425 protein sequence Red =Cloning site Green =Tags(s)

MATLSVKPSRRFQLPDWHTNSYLLSTNAQLQRDASHQIRQEARVLRNETNNQTIWDEHDNRTRLVERIDT
 VNRWKEMLDKCLTDLDAEIDALTQMKESAEQNLQAKNPLDVAIECLTLRESRRDIDVVKDPVEDELHKE
 VEVIEATKKALQQKVSQAFEQLCLLQEVQQQLNSDHRGKMETLEIDRGCLSLNLRSPNISLKVDPTRVPD
 GSTTLQQWDDFSRFNKDRAEAEMKAATELREATALTIAETNNELEAQRVATEFAFRKRLREMEKVYSELK
 WQEKNTLEEIAELQEDIRHLEEDLRKLLSLKLSHTRLEARTYRPNVELCRDQAQYGLTDEVHQLEATIA
 ALKQKLAQAQDALDALCKHLARLQADIACKANSMLLDTKCMDTRRKLTPAERFVPEVDTFTRTTNSTLS
 PLKSCQLELA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_055281</u>
RefSeq Size:	1536
RefSeq ORF:	1290
Synonyms:	h-tektin-t; TEKTB1; TEKIN-T


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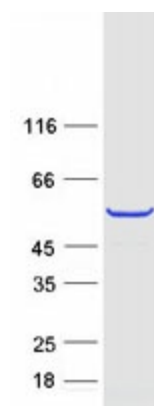
Locus ID: 27285

UniProt ID: [Q9UIF3](#)

Cytogenetics: 1p34.3

Summary: 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. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified TEKT2 protein (Cat# [TP307425]). The protein was produced from HEK293T cells transfected with TEKT2 cDNA clone (Cat# [RC207425]) using MegaTran 2.0 (Cat# [TT210002]).