

Product datasheet for PH309467

TCTN1 (NM_001082537) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TCTN1 MS Standard C13 and N15-labeled recombinant protein (NP_001076006)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209467
Predicted MW:	63.6 kDa
Protein Sequence:	>RC209467 protein sequence Red=Cloning site Green=Tags(s)

MRPRGLPPLLVLVLLGCWASVSAQTDATPAVTTEGLNSTEALATFGTFPSTRPPGTAPRPGPSSGPRPTP
VTDVAVLCVCDLSPAQCDINCCCDPDCSSVDFSVFSACSVPVVTGDSQFCSQKAVIYSLNFTANPPQRVF
ELVDQINPSIFCIHITNYKPALSFINPEVPDENNFDTLMKTSDFTLNAESYVSFTTKLDIPTAAKYEYG
VPLQTSDFSFLRFPSSLTSSLCTDNNPAAFLVNQAVKCTRKINLEQCEEIEALSMAFYSSPEILRVPDSRK
KVPITVQSIIVIQSLNKTLTRREDTDLVQPTLVNAGHFSLCVNVVLEVKYSLTYTDAGEVTKADLSFVLGT
VSSVVVPLQQKFEIHFLQENTQPVPLSGNPGYVGLPLAAGFQPHKGSGIIQTTNRYGQLTILHSTTEQD
CLALEGVRTPVLFGYTMQSGCKLRLTGALPCQLVAQKVKSLWQGFDPDYVAPFGNSQAQDMLDWVPIHF
ITQSFNRKDSQPLGALVIEVKWTKYGSLLNPQAKIVNVTANLISSSFPEANSGNERTILISTAVTFVDV
SAPAEAGFRAPPAINARLPFNFFPFV

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_001076006</u>
RefSeq Size:	2025
RefSeq ORF:	1761



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Synonyms: JBTS13; TECT1

Locus ID: 79600

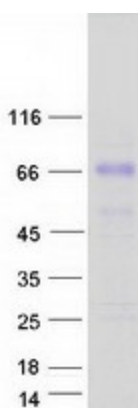
UniProt ID: [Q2MV58](#), [B4DIB9](#)

Cytogenetics: 12q24.11

Summary: This gene encodes a member of a family of secreted and transmembrane proteins. The orthologous gene in mouse functions downstream of smoothed and rab23 to modulate hedgehog signal transduction. This protein is a component of the tectonic-like complex, which forms a barrier between the ciliary axoneme and the basal body. A mutation in this gene was found in a family with Joubert syndrome-13. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified TCTN1 protein (Cat# [TP309467]). The protein was produced from HEK293T cells transfected with TCTN1 cDNA clone (Cat# [RC209467]) using MegaTran 2.0 (Cat# [TT210002]).