

Product datasheet for TP309467

TCTN1 (NM_001082537) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tectonic family member 1 (TCTN1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209467 protein sequence Red=Cloning site Green=Tags(s)

MRPRGLPPLLWLLGCWASVSAQTDATPAVTTEGLNSTEAALATFGTFPSTRPPGTTPRAPGPSSGPRPTP
VTDVAVLCVCDLSPAQCDINCCCDPDCSSVDFSVFSACSVPWWTGDSQFCSQKAVIYSLNFTANPPQRVF
ELVDQINPSIFCIHITNYKPALSFINPEVPDENNFDTLMKTSDBGFTLNAESYVSFTTKLDIPTAAKYEYG
VPLQTSDFSFLRFPSSLTSSLCTDNNPAAFLVNQAVKCTRKINLEQCEEIEALSMAFYSSPEILRVPDSRK
KVPITVQSIVIQSLNKTLTRREDTDLVQLPTLVNAGHFSLCVNVWLEVKYSLTYTDAGEVTKADLSFVLGT
VSSVVVPLQQKFEIHFLQENTQPVPLSGNPGYVWGLPLAAGFQPHKGSIIQTTNRYGQLTILHSTTEQD
CLALEGVRTPVLFGYTMQSGCKLRLTGALPCQLVAQVKVSLWGGFPDYVAPFGNSQAQDMLDWVPIHF
ITQSFNRKDSCQLPGALVIEVKWTKYGSLLNPQAKIVNVTANLISSSFPEANSGNERTILISTAVTFVDV
SAPAEAGFRAPPAINARLPFNFFPFV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	63.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001076006](#)

Locus ID: 79600

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

RefSeq Size: 2025

Cytogenetics: 12q24.11

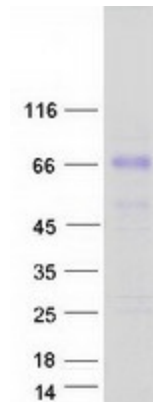
RefSeq ORF: 1761

Synonyms: JBTS13; TECT1

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]).