

## Product datasheet for **TP518335**

### Tctn1 (NM\_001039153) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tectonic family member 1 (Tctn1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218335 representing NM_001039153 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGSRGLPPLLLVLLNCYTSSSTQVIAIPAAATPAVTKEDLNSTKATPTTLQPSPRTPGTTPRAPERSGP RPTPVTDVAALCVCDLLPAQCDVNCCDPDCSPADFSIFSACSVPVVTGDRQFCSQKAAFYSMNLTA HRDFKLIDQINPSVFCIHISNYKPALSANPEVPDENNFDRMLQTSGGFTLSAESAVPSTAASDGPQPTK YEYGAPLQTAGASSGSFLKLPSPLTSSLCADQNPA AFLVSQAFECRRVDIEQCEGMEALSM AHYSSPAI LRVPNSMTQVSIKIQSVMYRSLNHTLTQLEGHGVL RPSLVSTGQDR LCSNVVLQVKYSLLYTATGQIHEA GLSLVLGTLSSAVSLLQKFEIHFIQHGT KPVPLSGNPGYRVGLPLAAGFQPQK GSGIQT TNRQGQFTI LRSTSQQDCLASEGLRTPVLF GYNVQSGCQLRLTG TIPCGLLAQKVQDLLRGQAFDPDYAAFGNSRAQDV QDWVPVHFV TYSSNMKGSCQLPVALAIEVKWTKYGSLLNPQARIVNVTAQLVSVPEPLPGPERTVISTA VTFVDVSAPAEAGFRAPPTINARLPFSFFFPV</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	63.9 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_001034242](#)

Locus ID: 654470

UniProt ID: [Q8BZ64](#)

RefSeq Size: 2068

Cytogenetics: 5 F

RefSeq ORF: 1779

Synonyms: G730031O11Rik; Tect1

**Summary:** Component of the tectonic-like complex, a complex localized at the transition zone of primary cilia and acting as a barrier that prevents diffusion of transmembrane proteins between the cilia and plasma membranes. Regulator of Hedgehog (Hh), required for both activation and inhibition of the Hh pathway in the patterning of the neural tube. During neural tube development, it is required for formation of the most ventral cell types and for full Hh pathway activation. Functions in Hh signal transduction to fully activate the pathway in the presence of high Hh levels and to repress the pathway in the absence of Hh signals. Modulates Hh signal transduction downstream of SMO and RAB23.[UniProtKB/Swiss-Prot Function]