

Product datasheet for TP303860M

TCTN2 (NM_024809) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tectonic family member 2 (TCTN2), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203860 protein sequence Red=Cloning site Green=Tags(s)

MGFQPPAALLLRLFLLQGILRLLWGDALFIPPFIRMSGPAVSASLVGDTEGVTVSLAVLQDEAGILPIPT
CGVLNNETEDWSVTVIPGAKVLEVTVRWKRGLDWCCSSNETDSFSESPLICQTLVLSASHNSSCSAHLIIQ
VEIYANSSLTHNASENVTVIPNQVYQPLGPCPCNLTAGACDVRCCCDQECSSNLTLFRRSCFTGVFGGD
VNPPFDQLCSAGTTTRGVPDWFPLCVQSPLANTPFLGYFYHGAVSPKQDSSFVYVDTDAKDFADFGYK
QGDPIMTVKKAYFTIPQVSLAGQCMQNAPVAFLHNFDVKCVTNLELYQERDGIINAKIKNVALGGIVTPK
VIYEEATDLDFITNTETPLNNGSTPRIVNVEEHYIFKWNNTISEINVKIFRAEINAHQKGIMTQRFVW
KFLSYNSGNEEELSGNPGYQLGKPVRLNINRMNNVTTLHLWQSAGRGLCTSATFKPILFGENVLSGCLL
EVGINENCTQLRENAVERLDSLQATHVAMRGNSDYADLSDGWLEIRVDAPDPGADPLASSVNGMCLDI
PAHLSIRILISDAGAVEGITQQEILGVETRFSSVNWQYQCGLTCEHKADLLPISASVQFIKIPAQLPHPL
TRFQINYTEYDCNRNEVCWPQLLYPWTQYYQGELHSQCVAKGLLLLLFLTLALFLSNPWTRICKAYS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

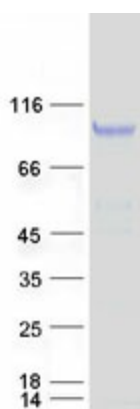
Tag:	C-Myc/DDK
Predicted MW:	76.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_079085
Locus ID:	79867
UniProt ID:	Q96GX1
RefSeq Size:	2930
Cytogenetics:	12q24.31
RefSeq ORF:	2091
Synonyms:	C12orf38; JBTS24; MKS8; TECT2
Summary:	This gene encodes a type I membrane protein that belongs to the tectonic family. Studies in mice suggest that this protein may be involved in hedgehog signaling, and essential for ciliogenesis. Mutations in this gene are associated with Meckel syndrome type 8. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Product images:



Coomassie blue staining of purified TCTN2 protein (Cat# [TP303860]). The protein was produced from HEK293T cells transfected with TCTN2 cDNA clone (Cat# [RC203860]) using MegaTran 2.0 (Cat# [TT210002]).