

Product datasheet for PH303860

TCTN2 (NM_024809) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TCTN2 MS Standard C13 and N15-labeled recombinant protein (NP_079085)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203860
Predicted MW:	76.9 kDa
Protein Sequence:	>RC203860 protein sequence Red=Cloning site Green=Tags(s)

MGFQPPAALLRLFLQLGILRLLWGDIAFIPPFIRMSGPAVSASLVGDTEGVTVSLAVLQDEAGILPIPT
CGVLNNETEDWSVTVIPGAKVLEVTVRWKRGLDWCSNETDSFSESPCILQTLVLSASHNSSCSAHLIIQ
VEIYANSSLTHNASENVTIPNQVYQPLGPCPCNLTAGACDVRCCDQECSSNLTLFRRSCFTGVFGGD
VNPPFDQLCSAGTTTRGVDPWFPLCVQSPLANTPFLGYFYHGAVSPKQDSSFVYVDTDAKDFADFGYK
QGDPIMTVKKAYFTIPQVSLAGQCMQNPVAFVLFHNFVDCVNTLELYQERDGIINAKIKNVALGGIVTPK
VIYEEATDLDFITNTETPLNNGSTPRIVNVEEHYIFKWNNTISEINVKIFRAEINAHQKGMTQRFV
KFLSYNSGNEEELSGNPGYQLGKPVVRLNINRMNNVTTLHLWQSAGRGLCTSATFKPILFGENVLSGCLL
EVGINENCTQLRENAVERLDSL IQATHVAMRGNSDYADLSDGWLEIIRVDAPDGPADPLASSVNGMCLDI
PAHLSIRILISDAGAVEGITQQEILGVETRFSSVNWYQCGLTCEHKADLLPISASVQFIKIPAQLPHPL
TRFQINYTEYDCNRNEVCWPQLLYPWTQYYQGLHLSQCVAKGLLLLLFLTLALFLSNPWTRICKAYS

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_079085
RefSeq Size:	2930

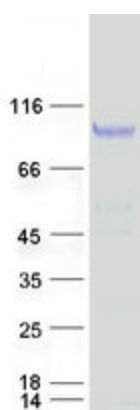


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RefSeq ORF:	2091
Synonyms:	C12orf38; JBTS24; MKS8; TECT2
Locus ID:	79867
UniProt ID:	Q96GX1
Cytogenetics:	12q24.31

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]).