

Product datasheet for TP303860

TCTN2 (NM_024809) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human tectonic family member 2 (TCTN2), transcript variant 1, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC203860 protein sequence Red=Cloning site Green=Tags(s) |

MGFQPPAALLLRLFLLQGILRLLWGDALFIPPFIRMSGPAVSASLVGDTEGVTVSLAVLQDEAGILPIPT
CGVLNNETEDWSVTVIPGAKVLEVTVRWKRGLDWCCSSNETDSFSESPLICQTLVVSASHNSSCSAHLIIQ
VEIYANSSLTHNASENVTVIPNQVYQPLGPCPCNLTAGACDVRCCCDQECSSNLTLFRRSCFTGVFGGD
VNPPFDQLCSAGTTTRGVPDWFPLCVQSPLANTPFLGYFYHGAVSPKQDSSFVYVDTDAKDFADFGYK
QGDPIMTVKKAYFTIPQVSLAGQCMQNAPVAFLHNFDVKCVTNLELYQERDGIINAKIKNVALGGIVTPK
VIYEEATDLDFITNTETPLNNGSTPRIVNVEEHYIFKWNNTISEINVKIFRAEINAHQKGIMTQRFVW
KFLSYNSGNEEELSGNPGYQLGKPVRLNINRMNNVTTLHLWQSAGRGLCTSATFKPILFGENVLSGCLL
EVGINENCTQLRENAVERLDSLIQATHVAMRGNSDYADLSDGWLEIRVDAPDPGADPLASSVNGMCLDI
PAHLSIRILISDAGAVEGITQQEILGVETRFSSVNWQYQCGLTCEHKADLLPISASVQFIKIPAQLPHPL
TRFQINYTEYDCNRNEVCWPQLLYPWTQYYQGELHSQCVAKGLLLLLFLTLALFLSNPWTRICKAYS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

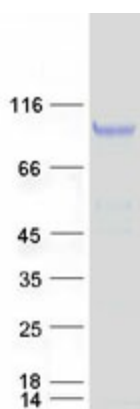
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| Tag: | C-Myc/DDK |
| Predicted MW: | 76.7 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 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: | <u>NP_079085</u> |
| Locus ID: | 79867 |
| UniProt ID: | <u>Q96GX1</u> |
| 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]).