

Recombinant Human TCTN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TCTN1-2242H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TCTN1 MS Standard C13 and N15-labeled recombinant protein (NP_001076006) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	(Microbial infection) Catalyzes ubiquitination of Botulinum neurotoxin A light chain (LC) of C.botulinum neurotoxin type A (BoNT/A).
Molecular Mass	63.6 kDa
AA Sequence	MRPRGLPPLLVLGCVASVSAQTDATPAVTTEGLNSTEALATFGTFPSTRPPGT PRAPGPSSGPRPTPVTDVAVLCVCDLSPAQCDINCCCDPDCSSVDFSVFSACSVPV VTGDSQFCSQKAVIYSLNFTANPPQRVFELVDQINPSIFCIHITNYKPALSFINPEVPD ENNFDTLMKTS DGFTLNAESYVSFTTKLDIPTAAKYEYGVPLQTSDFSFLRFPSSLTSS LCTDNNPAAFLVNQAVKCTRKINLEQCEEIEALSMAFYSSPEILRV PDSRKKVPITVQ SIVIQSLNKTLTRREDDVLQPTLVNAGHFSLCVNVVLEVKYSLTYTDAGEVTKADLS FVLGTVSSVVVPLQQKFEIHFLQENTQPVPLSGNPGYVVGLPLAAGFQPHKGSGIIQ TTNRYGQLTILHSTTEQDCLALEGVRTPVLFGYTMQSGCKLRLTGALPCQLVAQKVK SLLWGQGFPDYVAPFGNSQAQDMLDWVPIHFITQSFNRKDSCQLPGALVIEVKWTK YGSLLNPQAKIVNVTANLISSSFPEANSNGNERTILISTAVTFVDVSAPAEAGFRAPPAI NARLPFNFFFPFVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

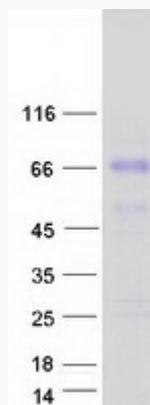
GENE INFORMATION

Gene Name	TCTN1 tectonic family member 1 [Homo sapiens (human)]
Official Symbol	TCTN1
Synonyms	TCTN1; tectonic family member 1; TECT1; JBTS13; tectonic-1
Gene ID	79600
mRNA Refseq	NM_001082537
Protein Refseq	NP_001076006
MIM	609863
UniProt ID	Q2MV58

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SDS-PAGE

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