

Recombinant Human TC2N Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TC2N-3702H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TC2N MS Standard C13 and N15-labeled recombinant protein (NP_689545) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	TC2N (Tandem C2 Domains, Nuclear) is a Protein Coding gene. Diseases associated with TC2N include Epileptic Encephalopathy, Early Infantile, 4. Gene Ontology (GO) annotations related to this gene include calcium ion binding and calcium-dependent phospholipid binding. An important paralog of this gene is SYTL2.
Molecular Mass	55.3 kDa
AA Sequence	MATEFIKSCCGGCFYGETEKHNFSVERDFKAAVPNSQNATISVPPLTSVSVKPQLGC TEDYLLSKLPDGDKEVPFVVPKFKLSYIQPRTQETPSHLEELEGSARASFGDRKVEL SSSSQHGPSYDVYNPFYMYQHISPDLSRRFPFRSEVTRLYGSVCDLRTNKLPGSPG LSKSMFDLTNSSQRFIQRHDSLSSVPSSSSSRKNSQGSNRS�DTITLSGDERDFGRL NVKLFYNSSVEQIWITVLQCRDLSWPSSYGDTPVSIKGILTLPKPVHFKSSAKEGSN AIEFMETFVFAIKLQNLQTVRLVFKIQTQTPRKKTIGECMSLRTLSTQEMDYSLDITP PSKISVCHAELELGTCTFQAVNSRIQLQILEARYLPSSSTPLTSLFFVKVGMFSSGELIY KKKTRLLKASNGRVKVGWETMIFPLIQSEKEIVFLIKLYSRSSVRRKHFGVQIWIWEDSN NIEAVNQWKETVINPEKVIRVHKLNPSTRTRPLEQKLISEEDLAANDILDYKDDDDK

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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	TC2N tandem C2 domains, nuclear [Homo sapiens (human)]
Official Symbol	TC2N
Synonyms	TC2N; tandem C2 domains, nuclear; C14orf47, chromosome 14 open reading frame 47, membrane targeting (tandem) C2 domain containing 1, MTAC2D1; tandem C2 domains nuclear protein; C2 calcium dependent domain containing 1; C2CD1; FLJ36557; Tac2 N; tandem C2 protein in nucleus; C2 calcium-dependent domain containing 1; membrane targeting (tandem) C2 domain containing 1; membrane targeting tandem C2 domain-containing protein 1; Tac2-N; MTAC2D1; C14orf47;
Gene ID	123036
mRNA Refseq	NM_152332
Protein Refseq	NP_689545

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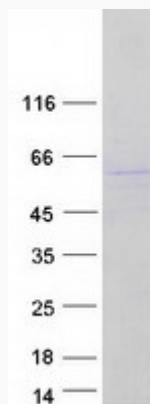
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UniProt ID

Q8N9U0

SDS-PAGE

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