

Recombinant Human TC2N 293 Cell Lysate

Cat. No. TC2N-1195HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for tandem C2 domains, nuclear (TC2N), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [TC2N tandem C2 domains, nuclear \[Homo sapiens \]](#)

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_001128595](#)

Protein Refseq [NP_001122067](#)

UniProt ID [Q8N9U0](#)

Chromosome Location 14q32.12

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA