

Product datasheet for PH306331

TC2N (NM_152332) Human Mass Spec Standard

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Mass Spec Standards |
| Description: | TC2N MS Standard C13 and N15-labeled recombinant protein (NP_689545) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC206331 |
| Predicted MW: | 55.3 kDa |
| Protein Sequence: | >RC206331 protein sequence Red=Cloning site Green=Tags(s) |

MATEFIKSCCGCFYGETEKHNFSVERDFKAAVPNSQNATISVPPLTSVSVKPKQLGCTEDYLLSKLPSDG
KEVPFVVPKFKLSYIQPRTQETPSHLEELEGSARASFGDRKVELSSSSQHGPSYDVYNPFYMYQHI SPDL
SRRFPFRSEVTRL YGSVCDLRTNKLPGSPGLSKSMFDLTNSSQRFIQRHDSLSSVPSSSSSRKNSQGSNR
SLDTITLSGDERDFGRLNVKLFYNSSVEQIWIIVLQCRDL SWPSSYGDTPVSIKIL TLPKPVHFKSSA
KEGSNAIEFMETVFVFAIKLQNLQTVRLVFKIQQTTPRKKTIGECMSLRTLSTQEMDYSLDITPPSKISV
CHAELELGTCTFQAVNSRIQLQILEARYLPSSSTPLTLSFFVKVGMFSSGELIYKKKTRLLKASNGRVKVG
ETMIFPLIQSEKEIVFLIKLYSRSSVRRKHVFGQIWIISEDSSNNIEAVNQWKTVINPEKVIRWHKLNPS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

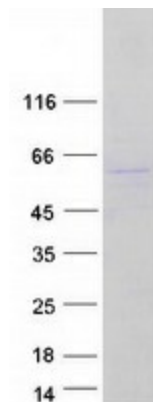
| | |
|------------------|--|
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| 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: | <u>NP_689545</u> |
| RefSeq Size: | 5222 |
| RefSeq ORF: | 1470 |
| Synonyms: | C2CD1; C14orf47; MTAC2D1; Tac2-N |



[View online »](#)

Locus ID: 123036
UniProt ID: [Q8N9U0](#)
Cytogenetics: 14q32.12

Product images:



Coomassie blue staining of purified TC2N protein (Cat# [TP306331]). The protein was produced from HEK293T cells transfected with TC2N cDNA clone (Cat# [RC206331]) using MegaTran 2.0 (Cat# [TT210002]).