

Product datasheet for PH307980

TBC1D1 (NM_015173) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | TBC1D1 MS Standard C13 and N15-labeled recombinant protein (NP_055988) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC207980 |
| Predicted MW: | 133.1 kDa |
| Protein Sequence: | >RC207980 protein sequence Red=Cloning site Green=Tags(s) |

MEPITFTARKHLLSNEVSVDFGLQLVGSLPVHSLTTPMPLPWVVAEVRRLSRQSTRKEPVTKQVRLCVSP
SGLRCEPEPGRSQWDLIYSSIFECKPQRVHKL IHNHSDPSYFACL IKEDAVHRQSI CYVFKADDQTKV
PEI I SSIRQAGKIARQEELHCPSEFDDTF SKKFEVLF CGRVTVAHKKAPPAL IDECIEKFNHVS GSRGSE
SPRPNPPHAAPTGSQEPVRRPMRKSFSQPGLRSLAFR KELQDGG LRSSGFFSSFEESDIENHLISGHNIV
QPTDIEENRTMLFTIGQSEVYLISPDTKKIALEKNFKEISFCSQGIRHVDHFGFICRESSGGGGHFVFCY
VFQCTNEALVDEIMMTLKQAVTAAVQQTAKAPAQLCEGCPLQSLHKL CERIEGMNSKTKLELQKHLTT
LTNQEQTIFEEVQKL RPRNEQRENELIISFLRCLYEEKQKEHIHIGEMKQTSQMAAENIGSELPPSATR
FRLDMLKNKAKRSLTESLESILSRGNKARGLQEHSISVDLDSSLSSTLSNTSKEPSVCEKEALPISESSF
KLLGSSEDLSSDESHLPEEPAPLSPQQA FRRRANTLSHFPIECQEPQPARGSPGVSQRKLMRYHSVST
ETPHERKDFESKANHLGDSGGTPVKTRRHSWRQQIFLRVATPQKACDSSSRYEDYSELGELPPRSPLPEV
CEDGPFPGPPEEKRTSRELRELWQKAILKQILLRMEKENQKLQASENDLLNKRLKLDYEEITPCLKEV
TTVWEKMLSTPGRSKIKFDMKMHSAVGGQVPRHHRGEIWKFLAEQFHLKHQFPSKQPKDVPYKELLKQ
LTSQQHAILIDLGRTPFTHPYFSAQLGAGQLSLYNILKAYSLLDQEVGYCQGLSFVAGILLHMSEEEAF
KMLKFLMDFMGLRKQYRPDMIILQIQMYQLSRLLDHYHRDLYNHLEEHEIGPSLYAAPWFLTMFASQFPL
GFVARVFDMI FLQGT E VIFKVALSLLGSHKPLILQHENLETIVDFIKSTLPNLGLVQMEKTINQVFEMDI
AKQLQAYEVEYHVLQEELIDSSPLSDNQRMDKLEKTNSSLRKQNLDLLEQLQVANGRIQSLEATIEKLLS
SESKLKQAML TLELERSALLQTVEELRRRSAEPSDREPECTQPEPTGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

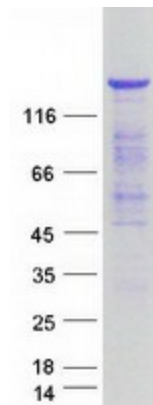
| | |
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| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |



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| 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: | NP_055988 |
| RefSeq Size: | 5705 |
| RefSeq ORF: | 3504 |
| Synonyms: | TBC; TBC1 |
| Locus ID: | 23216 |
| UniProt ID: | Q86TI0 , Q8NC59 , B9A6I6 , Q6PJJ8 |
| Cytogenetics: | 4p14 |
| Summary: | TBC1D1 is the founding member of a family of proteins sharing a 180- to 200-amino acid TBC domain presumed to have a role in regulating cell growth and differentiation. These proteins share significant homology with TRE2 (USP6; MIM 604334), yeast Bub2, and CDC16 (MIM 603461) (White et al., 2000 [PubMed 10965142]).[supplied by OMIM, Mar 2008] |
| Protein Families: | Druggable Genome |

Product images:



Coomassie blue staining of purified TBC1D1 protein (Cat# [TP307980]). The protein was produced from HEK293T cells transfected with TBC1D1 cDNA clone (Cat# [RC207980]) using MegaTran 2.0 (Cat# [TT210002]).