

Product datasheet for TP307980

TBC1D1 (NM_015173) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1 (TBC1D1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207980 protein sequence Red=Cloning site Green=Tags(s)

MEPITFTARKHLLSNEVSVDFGLQLVGSPLVHSLTTPMPLPWWVAEVRRLSRQSTRKEPVTKQVRLCVSP
SGLRCEPEPGRSQQWDPLIYSSIFECKPQRVHKLHNSHDPSYFACLIKEDAVHRQSICYVFKADDQTKV
PEIISIRQAGKIARQEELHCPSEFDDTFSKKEVLFCGRVTVAHKKAPPALIDECIEKFNHVSGSRGSE
SPRPNPPHAAPTGSQEPVRRPMPKSFSPGLRSLAFRKELDGGLRSSGFFSSFEESDIENHLISGHNIV
QPTDIEENRTMLFTIGQSEVYLISPDTKKIALEKNFKEISFCSQGIRHVDHFGFICRESSGGGGFHFVCY
VFQCTNEALVDEIMMTLKQAVTAAVQQTAKAPAQLCEGCPLQSLHKLKERIEGMNSSKTKLELQKHLTT
LTNQEATIFEEVQKLRRPNEQRENELIISFLRCLYEEKQKEHIHIGEMKQTSQMAAENIGSELPPSATR
FRLDMLKNKAKRSLTESLESILSRGNKARGLQEHSISVDLDSLSSTLSNTSKEPSVCEKEALPISESS
KLLGSEDLSSDSESHLPEEPAPLSPQQAFRRRANTLSHFPIECQEPQPARGSPGVSQRKLMRYHSVST
ETPHERKDFESKANHLGDSGGTPVKTRRHSWRQQIFLRVATPQKACDSSSRVEDYSELGELPPRSPLEPV
CEDGPFPGPPPEEKRTSRELRWQKAILKQILLRMEKENQKLQASENDLLNKRLKLDYEEITPCLKEV
TTVWEKMLSTPGRSKIKFDMKMHSAVGQGVPRHHRGEIWKFLAEQFHLKHQFPSKQQPKDVPYKELLKQ
LTSQQHAILIDLGRTPHPYFSAQLGAGQLSLYNILKAYSLLDQEVGYCQGLSFVAGILLHMSSEEF
KMLKFLMFDMLRKQYRPDMIIQIQMYQLSRLLDYHRDLYNHLEEHEIGPSLYAAPWFLTMFASQFPL
GFVARVDFMIFLQGTVEVIFKVALSLLGSHKPLILQHENLETIVDFIKSTLPNLGLVQMEKTINQVFEMDI
AKQLQAYEVEYHVLQEELIDSSPLSDNQRMKLEKTNSSLRQNLDLLEQLQVANGRIQSLEATIEKLLS
SESKLKQAMLTLELERSALLQTVEELRRRSAEPSDREPECTQPEPTGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

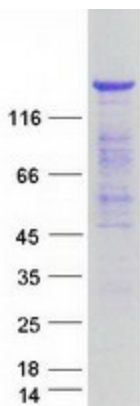
Tag:	C-Myc/DDK
Predicted MW:	132.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055988
Locus ID:	23216
UniProt ID:	Q86TI0 , Q8NC59 , B9A6I6 , Q6PJJ8
RefSeq Size:	5705
Cytogenetics:	4p14
RefSeq ORF:	3504
Synonyms:	TBC; TBC1
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]).