

Recombinant Full Length Human TBC1D1 Protein, C-Flag-tagged

Cat. No. TBC1D1-1100HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TBC1D1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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, yeast Bub2, and CDC16.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	132.9 kDa
AA Sequence	MEPITFTARKHLLSNEVSVDFGLQLVGSLP VHSLTTMPMLPWVVAEVRRLSRQSTR KEPVTKQVRLCVSP SGLRCEPEPGRSQQWDPLIYSSIFECKPQRVHKLIHNSHDPS YFACLIKEDAVHRQSICYVKADDQTKV PEIISIRQAGKIARQEELHCPSEFDDTFSK KFEVLFCGRVTVAHKKAPPALIDECIEKFNHVSGSRGSE SPRPNPPHAAPTGSQEP VRRPMRKSFSQPGLRSLAFRKE LQDGG LRSSGFFSSFEESDIENHLISGHNIV QPTD IEENRTMLFTIGQSEVYLISPDTKKIALEKNFKEISFCSQGIRHVDHFGFICRESSGGG GFHFVCY VFQCTNEALVDEIMMTLKQAVTAAVQQTA KAPAQLCEGCPLQSLHKLC ERIEGMNSSKTKLELQKHLTT LTNQEQATIFEEVQKL RPRNEQRENELIISFLRCLYE

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EKQKEHIHIGEMKQTSQMAAENIGSELPPSATR FRLDMLKNKAKRSLTESLESILSR
 GNKARGLQEHSISVDLDSSLSSSTLSNTSKEPSVCEKEALPISESSF KLLGSSSEDLS
 DSESHLPEEPAPLSPQQAFRRRANTLSHFPIECQEPQPARGSPGVSRKLMRYHS
 VST ETPHERKDFESKANHLGDSGGTPVKTRRHSWRQQIFLRVATPQKACDSSSR
 EDYSELGELPPRSPLEPV CEDGPFPGPPPEEKRTSRELRELWQKAILKQILLRMEK
 ENQKLQASENDLLNKRLLDYEEITPCLKEV TTVWEKMLSTPGRSKIKFDMKMH
 AVGGQGVPRHHRGEIWKFLAEQFHLKHQFPSKQQPKDVPYKELLKQ LTSQQHAILID
 LGRTFPTHYPYFSAQLGAGQLSLYNILKAYSLLDQEVGYCQGLSFVAGILLHMSEEEA
 F KMLKFLMFDMLRKQYRPDMILQIQMYQLSRLLDYHRDLYNHLEEHEIGPSLYA
 APWFLTMFASQFPL GFVARVDFMIFLQGTEVIFKVALSLLGSHKPLILQHENLETIVD
 FIKSTLPNLGLVQMEKTINQVFEMDI AKQLQAYEVEYHVLQEELIDSSPLSDNQRM
 KLEKTNSSLRKQNLDLLEQLQVANGRIQSLEATIEKLLS
 SESKLKQAMLTLELERSALLQTVEELRRRSAEPSDREPECTQPEPTGDTRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name TBC1D1 TBC1 domain family member 1 [Homo sapiens (human)]

Official Symbol TBC1D1

Synonyms TBC; TBC1

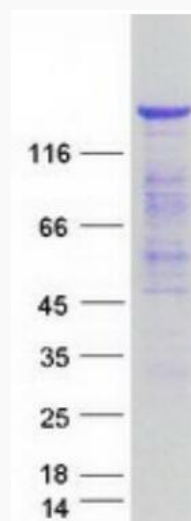
Gene ID 23216

mRNA Refseq NM_015173.4

Protein Refseq NP_055988.2

MIM 609850

UniProt ID Q86TI0



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Coomassie blue staining of purified TBC1D1 protein.

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