

Recombinant Human TBC1D1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TBC1D1-1632H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TBC1D1 MS Standard C13 and N15-labeled recombinant protein (NP_055988) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 (USP6), yeast Bub2, and CDC16.
Molecular Mass	133.1 kDa
AA Sequence	MEPITFTARKHLLSNEVSVD FGLQLVGSLPVHSLTTPMLPWVVAEVRRLSRQSTR KEPVTKQVRLCVSPSGLRCEPEPGRSQQWDPLIYSSIFECKPQQRVHKLIHNSHDPSY FACLIKEDAVHRQSICYVFKADDQTKVPEIISIRQAGKIARQEELHCPSEFDDTFSKK FEVLFCGRVTVAHKKAPPALIDECIEKFNHVSGSRGSESPRPNPPHAAPTGSQEPVR RPMRKSFSPGLRSLAFRKELQDGGLRSSGFFSSFEESDIENHLISGHNIVQPTDIEE NRTMLFTIGQSEVYLISPDTKKIALEKNFKEISFCSQGIRHVDHFGFICRESSGGGGFH FVCYVFQCTNEALVDEIMMTLKQFTVAAVQQTAKAPAQLCEGCPLQSLHKLKERIE GMNSSKTKLELQKHLTTLTNQEATIFEEVQKLPRNEQRENELIISFLRCLYEEKQK EHIHIGEMKQTSQMAAENIGSELPPSATRFRLDMLKNKAKRSLTESLESILSRGNKAR

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GLQEHISVLDLSSLSSTLSNTSKEPSVCEKEALPISESSFLLGSSSEDLSSDSESHL
PEEPAPLSPQQAFRRRANTLSHFPIECQEPQPARGSPGVSQRKLMRYHSVSTETP
HERKDFESKANHLGDSGGTPVKTRRHSWRQQIFLRVATPQKACDSSSRVEDYSEL
GELPPRSPLEPVCEGDGPFPPPEEKRTSRELRELWQKAILKQILLRMEKENQKLQ
ASENDLLNKRLKLDYEEITPCLKEVTTVWEKMLSTPGRSKIKFDMKMHSAVGQGV
RHHRGEIWKFLAEQFHLKHQFPSKQQPKDVPYKELLKQLTSQQHAILIDLGRFTPTH
PYFSAQLGAGQLSLYNILKAYSLLDQEVGYCQGLSFVAGILLHMSEEEAFKMLKFL
MFDMLGRKQYRPMILQIQMYQLSRLLDYHRDLYNHLEEHEIGPSLYAAPWFLTM
FASQFPLGFVARVFDLQFTEVIFKVALSLLGSHKPLILQHENLETIVDFIKSTLPNL
GLVQMEKTINQVFEMDIKQLQAYEVEYHVLQEELIDSSPLSDNQRMKLEKTNSSL
RKQNLDLLEQLQVANGRIQSLEATIEKLLSSESKLKQAMLTLELERSALLQTVEELRR
RSAEPSDREPECTQPEPTGDTTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol TBC1D1

Synonyms TBC1D1; TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1; TBC1 domain

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family member 1; KIAA1108; TBC; TBC1;

Gene ID 23216

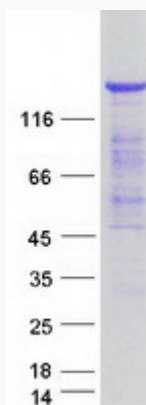
mRNA Refseq NM_015173

Protein Refseq NP_055988

MIM 609850

UniProt ID Q86TI0

SDS-PAGE



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