

Recombinant Human TBC1D20 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TBC1D20-3972H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TBC1D20 MS Standard C13 and N15-labeled recombinant protein (NP_653229) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that belongs to a family of GTPase activator proteins of Rab-like small GTPases. The encoded protein and its cognate GTPase, Rab1, bind the nonstructural protein 5A (NS5A) of the hepatitis C virus (HCV) to mediate viral replication. Depletion of this protein inhibits replication of the virus and HCV infection. Mutations in this gene are associated with Warburg micro syndrome 4. Alternative splicing results in multiple transcript variants.
Molecular Mass	45.7 kDa
AA Sequence	MALRSAQGDGPTSGHWDGGAEKADFNKRKKKVAEIHQALNSDPTDVAALRRMAI SEGGLLTDEIRRKVWPKLLNVNANDPPPISGKNLRQMSKDYQQVLLDVRRSLRRFP PGMPREEQREGLQEELIDIILLILERNPQLHYYQGYHDIIVTFLLVGERLATSLVEKLS THHLRDFMDPTMDNTKHILNYLMPIDQVNPELHDFMQSAEVTIFALSWLITWFGHV LSDFRHVVRLYDFFLACHPLMPIYFAAVIVLYREQEVLDCDCDMASVHHLLSQIPQDL PYETLISRAGDLFVQFPPSELAREAAAQQAERTAASTFKDFELASAQQRPDMLVR QRFRLLRPEDRTKDVLTKPRTNRFVKLAVMGLTVALGAAALAVVKSALWAPKFQ

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LQLFPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	TBC1D20 TBC1 domain family member 20 [Homo sapiens (human)]
Official Symbol	TBC1D20
Synonyms	TBC1D20; TBC1 domain family, member 20; C20orf140, chromosome 20 open reading frame 140; TBC1 domain family member 20; dJ852M4.2; C20orf140; FLJ45119;
Gene ID	128637
mRNA Refseq	NM_144628
Protein Refseq	NP_653229
MIM	611663

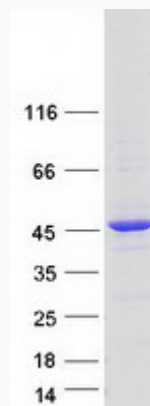
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UniProt ID

Q96BZ9

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