

Recombinant Human TBC1D20 Protein, Full Length, C-Flag tagged

Cat. No. TBC1D20-33HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human TBC1 domain family, member 20 (TBC1D20) with a C-Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293
ProteinLength	Full Length
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 THHLRDFMDPTMDNTKHILNYLMPIDQVNPELHDFMQSAEVGTIFALSWLITWFGHV LSDFRHVVRLYDFFLACHPLMPIYFAAVIVLYREQEVLDCDCDMASVHHLLSQIPQDL PYETLISRAGDLFVQFPSELAREAAAQQAERTAASTFKDFELASAQQRPMVLR

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	QRFRLRPEDRTKDVLTKEPRTNRFVKLAVMGLTVALGAAALAVVKSALWAPKFQ LQLFPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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	> 0.05 µg/µL as determined by microplate BCA method
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

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

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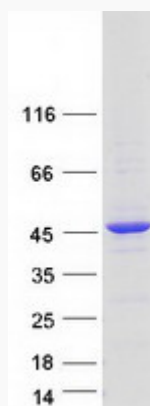
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Protein Refseq NP_653229

MIM 611663

UniProt ID Q96BZ9

SDS-PAGE



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