

Product datasheet for TP304927

TBC1D20 (NM_144628) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human TBC1 domain family, member 20 (TBC1D20), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC204927 representing NM_144628
Red=Cloning site Green=Tags(s)

MALRSAQGDGPTSGHWDGGAEKADFNAKRKKKVAEIHQALNSDPTDVAALRRMAISEGGLLTDEIRRKVW
 PKLLNVNANDPPPISGKNLRQMSKDYQQVLLDVRRSLRRFPPGMPEEQREGLQEELIDIILLILERNPQL
 HYYQGYHDIWTFLLVGERLATSLEKLSLTHHLRDFMDPTMDNTKHILNYLMPIDQVNPPELHDFMQSA
 EVGTIFALSWLITWFGHVLSDFRHVVRLYDFFLACHPLMPIYFAAVIVLYREQEVLDCCDMASVHHLLS
 QIPQDLPYETLISRAGDLFVQFPPSELAREAAAQQQAERTAASTFKDFELASAQQRPMVLRQFRGLLR
 PEDRTKDVLT KPRTNRFVKLAVMGLTVALGAAALAVVKSALWAPKFQLQFP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 45.7 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
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_653229](#)
Locus ID: 128637



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UniProt ID: [Q96BZ9](#), [Q9Y2V8](#)

RefSeq Size: 4456

Cytogenetics: 20p13

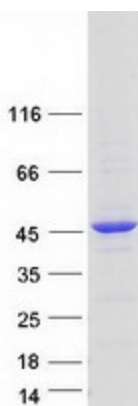
RefSeq ORF: 1209

Synonyms: C20orf140; WARBM4

Summary: 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. [provided by RefSeq, Mar 2014]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TBC1D20 protein (Cat# TP304927). The protein was produced from HEK293T cells transfected with TBC1D20 cDNA clone (Cat# [RC204927]) using MegaTran 2.0 (Cat# [TT210002]).