

## Product datasheet for **TP304927M**

### **TBC1D20 (NM\_144628) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human TBC1 domain family, member 20 (TBC1D20), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC204927 representing NM\_144628

**Red**=Cloning site **Green**=Tags(s)

MALRSAQGDGPTSGHWDGGAEKADFNAKRKKKVAEIHQALNSDPTDVAALRRMAISEGGLLTDEIRRKVW  
PKLLNVNANDPPPISGKNLRQMSKDYQQVLLDVRRSLRRFPPGMPEEQREGLQEELIDIILLILERNPQL  
HYYQGYHDIWTFLLVGERLATSLEKLSLTHHLRDFMDPTMDNTKHILNYLMPIDQVNPQLHDFMQSA  
EVGTIFALSWLITWFGHVLSDFRHVRLYDFFLACHPLMPIYFAAVIVLYREQEVLDCCDMASVHHLLS  
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

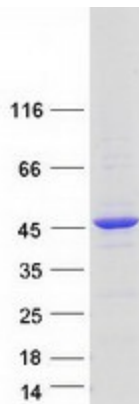
RefSeq ORF: 1209

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]).