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Product datasheet for PH304927

TBC1D20 (NM_144628) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TBC1D20 MS Standard C13 and N15-labeled recombinant protein (NP_653229)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204927
Predicted MW:	45.7 kDa
Protein Sequence:	>RC204927 representing NM_144628 Red=Cloning site Green=Tags(s) MALRSAQGDGPTSGHWDGGAEKADFNAKRKKKVAEIHQALNSDPTDVAALRRMAISEGGLLTDEIRRKVW PKLLNVNANDPPPISGKNLRQMSKDYQQVLLDVRRSLRRFPPGMPEEQREGLQEELIDIILLILERNPQL HYYQGYHDIVVTFLLVVGERLATSLVEKLSTHHLRDFMDPTMDNTKHILNYLMPIIDQVNPELHDFMQSA EVGTIFALSWLITWFGHVLSDFRHVVRLYDFFLACHPLMPIYFAAVIVLYREQEVLDCDCDMASVHHLLS QIPQDLPYETLISRAGDLFVQFPPSELAREAAAQQQAERTAASTFKDFELASAQQRPDMVLRQRFRGLLR PEDRTKDVLTKPRTNRFVKLAVMGLTVALGAAALAVVKSALEWAPKFQLQLFP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_653229
RefSeq Size:	4456
RefSeq ORF:	1209
Synonyms:	C20orf140; WARBM4
Locus ID:	128637

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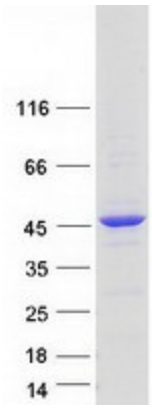
UniProt ID: Q96BZ9, Q9Y2V8

Cytogenetics: 20p13

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]).