

OriGene Technologies, Inc.

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Product datasheet for PH304927

TBC1D20 (NM_144628) Human Mass Spec Standard

Product data:

Description:TBC1D20 MS Standard C13 and N15-labeled recombinant protein (NP_653229)Species:HumanExpression Host:HEK293Expression cDNA CloneC204927or AA Sequence:45.7 kDaPredicted MW:45.7 kDaPretein Sequence:MALRSAQGDGPTSGHWBGGAEKADFNAKRKKKAEIHQALNSDPTDVAALRRMAISEGGLLTDEIRRKVW PKULNWNANDPPPTISGKNLEQMSKDQVULDVRRSLRRPPPGMPEEQREGLQEELIDITILLTERNPQL HYYQGYHDIVYTFLLVGERLATSLVEKLSTHHLRDFMDPTMONTKHILNVLMPTIDQVNPELHDFMQSA EVGTIFALSWLTWRFGHVLSDPRHVNELVDFFLACHPLMPTIFAAVITVLYREQEVLDCDCMASVHHLLS QIPQDLPVTTISLSKADLFVQPPSELRRAAAQQQAERTAASTFKDFELASAQQRPDMVLRQRFRGLLR PEDRTKDVLTKRTNRFVKLAWGLTVALGAAALAVVKSALEWAPKFQLUFPTag:CMyc/DDKTag:CMyc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingOncentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:Stomage:Storage:
Fxpression Host:HEK293Expression cDNA Clome or AA Sequence:Rc204927Predicted MW:45.7 kDaProtein Sequence:Rc204927 representing NM_144628 Red=Cloning site Green=Tags(s)Protein Sequence:Rk204927 representing NM_144628 Red=Cloning site Green=Tags(s)WALRSAQGDGPTSGHWDGGAEKADFNAKRKKKVAEIHQALNSDPTDVAALRRMAISEGGLLTDEIRRKVW PKLLNVNANDPPPTISGKNLRQMSKDYQQVLLDVRRSLRFPPGMPEEQREGLQEELIDIILLILERNPQL HYQQYHDIVYTFLLVVGERLATSLYEKLSTHHLRDFMDPTMONTKHTLINVLMPTIDQVNPELHDFMQSA EVGTIFALSWLITWFGHVLSDFRHVVRLYDFFLACHPLMPIYFAAVIVLYREQEVLDCCDMASVHHLLS QIPQDLPYETLISRAGDLFVQFPPSELAREAAAQQAERTAASTFKDFELASAQQRPDMVLRQRFRGLLR PEDRTKDVLTKPRTNRFVKLAVMGLTVALGAAALAVVKSALEWAPKFQLQLFPTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3
For or AA Sequence:RC204927Predicted MW:45.7 kDaProtein Sequence:>RC204927 representing NM_144628 Red=Cloning site Green=Tags(s)MALRSAQGDGPTSGHWDGAEKADFNAKRKKKVAEIHQALNSDPTDVAALRRMAISEGGLLTDEIRRKVW PKLLNVNANDPPPISGKNLRQMSKDYQVLLDVRRSLRRFPPGMPEEQREGLQEELIDIILLILERNPQL HYYQGHDIVTFLLVVGERLATSLVEKLSTHHLDRMDPTDNDNtHLINYLMPIIDQVNPELHDFMQSA EVGTIFALSWLITWFGHVLSDFRHVVRLYDFFLACHPLMPIYFAAVIVLYREQEVLDCDCDMASVHHLLS QIPQDLPYETLISRAGDLFVQFPPSELAREAAAQQAETAASTFKDFELASAQQRPDMVLRQRFRGLLR PEDRTKDVLTKPRTNRFVKLAVHGLTVALGAAALAVVKSALEWAPKFQLQFPTag:CMyc/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingPoncentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-LArginine and [U-13C6, 15N2]-LLysineBuffer:>5 mM Tris-HCI, 100 mM glycine, pH 7.3
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PKLLNVNANDPPPISGKNLRQMSKDYQQVLLDVRRSLRRFPPGMPEQREGLQEELIDIILLILERNPQL HYYQGYHDIVVTFLLVVGERLATSLVEKLSTHHLRDFMDPTMDNTKHILNYLMPIIDQVNPELHDFMQSA EVGTIFALSWLITWFGHVLSDFRHVVRLYDFFLACHPLMPIYFAAVIVLYREQEVLDCDCDMASVHHLLS QIPQDLPYETLISRAGDLFVQFPPSELAREAAAQQQAERTAASTFKDFELASAQQRPDMVLRQRFRGLLR PEDRTKDVLTKPRTNRFVKLAVMGLTVALGAAALAVVKSALEWAPKFQLQLFPTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3
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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: <u>NP 653229</u>
RefSeq Size: 4456
RefSeq ORF: 1209
Synonyms: C20orf140; WARBM4
Locus ID: 128637



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	TBC1D20 (NM_144628) Human Mass Spec Standard – PH304927	
UniProt ID:	<u>Q96BZ9, Q9Y2V8</u>	
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:

116		
66	_	
45	_	-
35	-	
25	_	
18	_	
14	-	

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]).

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