

Product datasheet for PH321083

TBC1D10A (NM_031937) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TBC1D10A MS Standard C13 and N15-labeled recombinant protein (NP_114143)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221083
Predicted MW:	56.9 kDa
Protein Sequence:	>RC221083 representing NM_031937 Red=Cloning site Green=Tags(s)

MAKSNGENGPRAAAGESLSGTRESLAQGPDAATTDELSSLGSDSEANGFAERRIDKFGFIVGSQGAEGA
LEEVPLEVLQRRESKWLDMNNWDKWMKKHKIRLCQKGIPPSLRGRAYLGGKVKLQQNPGKFDE
LDMSPGDPKWLVDIERDLHRQFPFHEMFVSRGGHQQDLFRVLKAYTLRPEEGYCQAQAPIAAVLLMHM
PAEQAFWCLVQICEKYLPGYYSEKLEAIQLDGEILFSLQKQVSPVAHKHLSRQKIDPLLYMTEWFMCAFS
RTLPSVSLRVWDMFFCEGVKIIIFRVGLVLLKHALGSPEKVKACQGQYETIERLSLSPKIMQEAFVQE
VVELPVTERRIERHLIQLRRWQETRGEQCRSPRLHGAKAILEDAPGPRPALQSPSIRLPLDAPLPG
SKAKPKPPKQAQKEQRKQMKGRGQLEKPPAPNQAMVVAAGDACPPQHVPKDSAPKDSAPQDLAPQVSA
HHRQSSELTQSSEDITYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

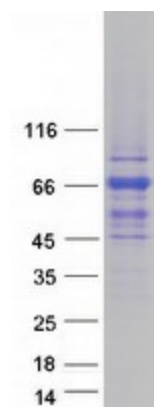
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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:	<u>NP_114143</u>
RefSeq Size:	1973
RefSeq ORF:	1524



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Synonyms:	dj130H16.1; dj130H16.2; EPI64; TBC1D10
Locus ID:	83874
UniProt ID:	Q9BXI6 , B7ZVY9 , A7E244
Cytogenetics:	22q12.2
Summary:	Acts as GTPase-activating protein for RAB27A, but not for RAB2A, RAB3A, nor RAB4A. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TBC1D10A protein (Cat# [TP321083]). The protein was produced from HEK293T cells transfected with TBC1D10A cDNA clone (Cat# [RC221083]) using MegaTran 2.0 (Cat# [TT210002]).