

Product datasheet for PH323443

TBC1D2 (NM_018421) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TBC1D2 MS Standard C13 and N15-labeled recombinant protein (NP_060891)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223443
Predicted MW:	103.9 kDa
Protein Sequence:	>RC223443 representing NM_018421 Red =Cloning site Green =Tags(s)

MEGAGENAPESSSSAPGSEESARDPQVPPPEEESGDCARSLEAVPKKLCGYLSKFGGKGPIRGWKSRWFF
 YDERKQCQLYYSRTAQDANPLDSIDLSSAVFDCKADAEEGIFEIKTPSRVITLKAATKQAMLYWLQQLQMK
 RWEFHNSPPAPPATPDAALAGNGPVLHLELGQEEAELEEFPCPVKTPPGLVGVAALQFPALQNISLKH
 LGTEIQNTMHNIRGNKQAQGTGHEPPGEDSPQSGEPQREEQPLASDASTPGREPEDSPKPAPKPSLTISF
 AQKAKRQNTFPFFSEGITRNRTAQEKVAALEQQVLM TKELKSQKELVKILHKALEAAQKEKRASSAYL
 AAAEDKDRL ELVRHKVRQIAELGRRVEALEQERESLAHTASLREQQVQELQQHVQLLMDKNHAKQQVICK
 LSEKVTQDFTHPPDQSPLRPDAANRDFLSQQGKIEHLKDDMEAYRTQNCFLNSEIHQVTKIWRKVAEKEK
 ALLTKCAYLQARNQVESKYL AGLRRQLQEALGDEASECSELLRQLVQEALQWEAGEASSDSIELSPISKY
 DEYGFLTVPDYEVEDLKLLAKIQALESRSHLLGLEAVDRPLRERWAALGDLVPSAELKQLLRAGVPREH
 RPRVWRWL VHLRVQHLHTPGCYQELL SRQAREHPAARQIELDLNRTFPNNKHFTCTPTSSFPDKLRVLL
 AFSWQNPTIGYCQGLNRLAAIALLVLEEEESAFWCLVAIVETIMPADYYCNTLTASQVDQVRVQLLSEK
 LPRLMAHLGQHHVDLSLVTFNWFLVVFADSLISNILLRVWDAFLYEGTKYNEKEILRLQNGLEIYQYLRF
 FTKTISNSRKL MNIAFNMDMNPFRMKQLRQLRMVHRERLEAELRELEQLKAEYLERRASRRRAVSEGCASE
 DEVEGEA

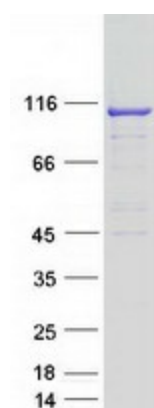
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.


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RefSeq:	<u>NP_060891</u>
RefSeq Size:	3257
RefSeq ORF:	2751
Synonyms:	PARIS-1; PARIS1; TBC1D2A
Locus ID:	55357
UniProt ID:	<u>Q9BYX2</u>
Cytogenetics:	9q22.33
Summary:	Acts as GTPase-activating protein for RAB7A. Signal effector acting as a linker between RAC1 and RAB7A, leading to RAB7A inactivation and subsequent inhibition of cadherin degradation and reduced cell-cell adhesion.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TBC1D2 protein (Cat# [TP323443]). The protein was produced from HEK293T cells transfected with TBC1D2 cDNA clone (Cat# [RC223443]) using MegaTran 2.0 (Cat# [TT210002]).