

Product datasheet for TP323443M

TBC1D2 (NM_018421) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human TBC1 domain family, member 2 (TBC1D2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223443 representing NM_018421 Red=Cloning site Green=Tags(s)

MEGAGENAPESSSSAPGSEESARDPQVPPPEEESGDCARSLEAVPKKLCGYLSKFGGKPIRGWKSrwff
 YDERKCQLYYSRTAQDANPLDSIDLSSAVFDCKADAEEGIFEIKTPSRVITLKAATKQAMLYWLQQLQMK
 RWEFHNSPPAPPATPDAAAGNGPVLHLELGQEEAELEEFPCPVKTPPGLVGVAAALQPPALQNLKH
 LGTEIQNTMHNIRGNKQAQGTGHEPPGEDSPQSGEPQREEQPLASDASTPGREPEDSPKPAPKPSLTISF
 AQKAKRQNNTFPFFSEGITRNRTAQEKVAALEQQVLMITKELKSQKELVKILHKALEAAQKEKRASSAYL
 AAAEDKDRLELVRHKVRQIAELGRRVEALEQERESLAHTASLREQQVQELQQHVQLLMDKNHAKQQVIC
 K
 LSEKVTQDFTHPDQSPLRPDAANRDFLSQQGKIEHLKDDMEAYRTQNCFLNSEIHQVTKIWRKVAEKEK
 ALLTKCAYLQARNCQVESKYLGLRLQALGDEASECSELLRQLVQEQALQWEAGEASSDSIELSPISKY
 DEYGFLTVPDYEVEDLKLAKIQALESRSHHLLGLEAVDRPLRERWAALGDLVPSAELKQLLRAGVPREH
 RPRVWRWLVLHVRVQHLHTPGCYQELLSRGQAREHQAARQIELDLNRTFPNNKHFTCPTSSFPDKLRRVLL
 AFSWQNPTIGYCQGLNRLAAIALLVLEEEESAFWCLVAIVETIMPADYYCNTLTASQVDQRLVDLLSEK
 LPRLMAHLGQHHDVLSLVTFNWFLVVFADSLISNILLRWDAFLYEGTKYNEKEILRLQNGLEIYQYLR
 FTKTISNSRKL MNIAFNDMNPFRMKQLRQLRMVHRERLEAELRELEQLKAEYLERRASRRRAVSEGCASE
 DEVEGEA

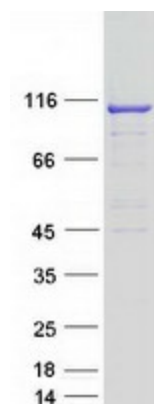
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	103.9 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


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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:	<u>NP_060891</u>
Locus ID:	55357
UniProt ID:	<u>Q9BYX2</u>
RefSeq Size:	3257
Cytogenetics:	9q22.33
RefSeq ORF:	2751
Synonyms:	PARIS-1; PARIS1; TBC1D2A
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]).