

Product datasheet for **TP512945**

Tbc1d2 (NM_198664) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse TBC1 domain family, member 2 (Tbc1d2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR212945 representing NM_198664 Red =Cloning site Green =Tags(s)
	MEDAPERTPSSSESTQPPGLAREPEVSPGDSEGCARPLDTVPKKLCGYLSKFGGKGPIKGWKCRWFFYD ERKCHLYSRTAQDANPLDSIDLSSAVFDCKADAEETGFEIKTPSRVITLKAATKQAMLYWLQQLQMKR WEFHNSPPALPATPAAALAENGPTLHLKLEQEEAELEEFPCPVKTPTGLVGAAAAALQVPVAVPSALQNIS LKHLGTEIQNTMHNIRGNKQAQAAAHGPLVEDSPQGGEQPSISDPSLPEKEPEDPAKSAPRSSVP SGPTQKPKRQSNTPFFSDGLARSRTAQEKVAALEQQVLMMLTKELKSQKELVILHKALEAAQQEKRASS AYLAATEDRDLRLVRHKVRQIAELNQRVEALEQGRERLAHEAGLREQQVQALQQHVQLLMDKNHAKQ QV ICKLTQKLTEDLAQPADATNGDFLSQQERMEHLKDDMEAYRTQNRFLNSEIHQVTKIWRKVAEKEKALLT KCAYLQARNQCQVESKYLGLRLQEAAGAEAGDFPELLQLIQEALQWEAGEADSVGLSPVSEYDDYGFL TVPDYEMEDLKLLAKIQALEVRSHHLLAHEAVERPLRDRWATLTETPSAELKQLLRAGVPREHRPRVWR WLVHRRVRHLQAPGCYQELLARGRACEHPAARQIELDLNRTFPTNKHFTCTSSFPDKLRRVLLAFSWQN PTIGYCQGLNRLAAIALLVLEDEESAFWCLVAIVETILPAEYYSKTLTASQVDQRVLQDLLSEKLPRLTA HLGQHRVDLSLITFNWFLVWFADSLISDILLRVWDAFLYEGTKVFRYALAFKYNEEAILQLQDSLEIY QYLRFFTKICDSRKLMSIAFNDMNPFPMPKQLRQLRAAHRERLEAELRELELLKVEYLQRRASLGRAPPE GCVSEDEGEEDS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	104.3 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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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 after receiving vials.
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_941066</u>
Locus ID:	381605
UniProt ID:	<u>B1AVH7</u>
RefSeq Size:	4305
Cytogenetics:	4 B1
RefSeq ORF:	2766
Synonyms:	A630005A06Rik; BC022630; Gm1037; PARIS-1; PARIS1
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 (By similarity).[UniProtKB/Swiss-Prot Function]