

Product datasheet for **TP510792**

Tbc1d5 (NM_028162) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse TBC1 domain family, member 5 (Tbc1d5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210792 representing NM_028162 Red =Cloning site Green =Tags(s)
	<p>MYKSVSETRHPLQSEEQEVGIDPLFSYSNKTRGDLNQNGRGSNSTLDTEGTFNSYMKWEELFVNNNYLA TVRQKGINGQLRSSRFRSICWKLFLCVLPQDKSQWISKIKELRAWYSSIKIHIHITNPKAAGQQDLMINN PLSQDEGSLWNKFFQDKELRSMIEQDVKRTFPEMQFFQQENVRKILTDVLCYARENEQLLYKQGMHEL L APIIFTLHCDHQAFLHASESAQPSEEMKTLNPEYLEHDAYAMFSQLMETAEPWFSTFEHDGQKGKETLM APIPFARPQDLGPTVAIVTKVNQIQDHLLKKHDIELYMHLNRLEIAPQIYGLRWVRLFGREFPLQDLLV VWDALFADSLNLSLVYVFTAMLLYIRDALISSNYQTCLGLLMHYPIIGDIHSLILKALFLRDPKRNP ATYQFHPNLDYYKARGADLMNKSRTNARGAPLNIHKVSNLSINFGKRLISPASAPGSMGGPVPGNSSSS FSAAIPTRTSTEAPRHLLQQQQQQQHQQQQQQQPQQQQQQQHQQQQQQQRLMKSESMPVQLNK GQSSKI SSSPSIESLPGGREFTGSPPPSATKKDSFFSNIARSRSKTMGRKESEEELEAQISFLQGQLNDLDAMC KYCAKVMMDMHLVNIQDVVLQENLEKEDQILVSLAGLKQIKDILKGSLRFNQSQLEAGENEQITIADDDHYC SSGQDQGSQVPRAAKQASSEMPGCTGGTTPDDFILVSKEDGHRARGAFSGQAQPLTLRSTSGKSRAPA CSPLLFSPLMGPASASASSNPSSSPDDSSKESGFTIVSPLDI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	92.3 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:	NP_082438
Locus ID:	72238
UniProt ID:	Q80XQ2
RefSeq Size:	5617
Cytogenetics:	17 C
RefSeq ORF:	2445
Synonyms:	1600014N05Rik
Summary:	May act as a GTPase-activating protein for Rab family protein(s). May act as a GAP for RAB7A. Can displace RAB7A and retromer CSC subcomplex from the endosomal membrane to the cytosol; at least retromer displacement seems to require its catalytic activity. Required for retrograde transport of cargo proteins from endosomes to the trans-Golgi network (TGN); the function seems to require its catalytic activity. Involved in regulation of autophagy. May act as a molecular switch between endosomal and autophagosomal transport and is involved in reprogramming vesicle trafficking upon autophagy induction. Involved in the trafficking of ATG9A upon activation of autophagy. May regulate the recruitment of ATG9A-AP2-containing vesicles to autophagic membranes (By similarity).[UniProtKB/Swiss-Prot Function]