

Product datasheet for TP527113

Ttbk1 (NM_001162864) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse tau tubulin kinase 1 (Ttbk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR227113 representing NM_001162864
Red=Cloning site Green=Tags(s)

MQCLAAALKDETMSGGGEQADILPANYVVKDRWKVLKIGGGGFGEIYEAMDLLTRENVALKVESAQQP
KQVLKMEVAVLKKLQGKDHVCRFIGCGRNEKFNYVMQLQGRNLADLRRSQPRGTFLLSTTLRLGKQILE
SIEAIHVSGLHRDIKPSNFAMGRLPSTYRKYMLDFGLARQYNTTGDVRRPRNVAGFRGTVRYASVNA
HKNREMGRHDDLWSLFYMLVEFAVGQLPWRKIKDKEQVGMIEKEYEHRMLLKHMPSFHLFLDHIASLDY
FTKPDYQLIMSVFENS MKERGIAENEA FDWEKAGTDALLSTSTSTPPQNTROTAAMFGVNVTPVPGDL
LRENTEDVLQGEHLSDQENAPPILPGRPPEGLGPGPHLVPHPGGPEAEVWEETDVNRNKLRLINIGKTPCV
EEEQSRGVGVPSPVRAPPDSTTPVRSCLYRRVNSPESERLSTAADGRVELQERRSRMDLPGSPSRQAC
SSQPAQMLSVDTGHADRQASGRMDVSASVEQEALSNAFRSVPLAEEDFDSKEWVIIDKETELKDFPPGA
EPSTSGTTDEEPEELRPLPEEGEERRRLGTEPTVRPRGRGMHTL TEEDPRQMLPQPAPPQLSQADGRSET
SQPPTPGSPSHSPLHSGPRRRRES DPTGPQRQVFSVAPPFEVNGLPRAVPLALPYQDFKRDLSDYRERA
RLLNRRVRRVGFHMLLTAPQVPLAPFPQANGKEGEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEAG
ALGEVLGPRSGSSSEGSERSTERSQEGAPSTLLADDQKEARGRASMDGDLEPEEGSKTLVLVSPGDMKK
SPVTAELAPDPLGTLAALTPQHERPQPTGSQLDVSEPGTLSSILKSEPKPSGPGAGGGVGLVAPGAGVT
AVTSPFTKVERTFVHIAEKSHLNMSSGGQASRPEELSTGGELGLEVLSEGGIAEEGAPAPLENGMALAG
LDGTEMESCALSGPPGETPSEVVTDSL PNGPALADGPAPASQQEPVTKKGTISP SRHAMPGSRPRSRIP
VLLSEEDTGSEPSGSLSAKERWSKRARPQQDLARLVMEKRQGRLLLLASGASSSSSEEQRRASETLSGT
GSEEDTPASEPTTALPRKAVRAATRSRIPRISVSMPVEGQQLPGRPHGAASATDLAITSRLQLQKPSG
LAPAADLRPKQSASRGPGGRAQVSKPAAPRSPGLPASTARHPSGSPRSQSLSRKESSPSHQARPGVPP
SRGVLQVRSQPEASPVAPKKGPKGKQLQTQRAATKGRAVVSEGRPGAR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 141.6 kDa



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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
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_001156336
Locus ID:	106763
UniProt ID:	Q6PCN3
RefSeq Size:	6959
Cytogenetics:	17 C
RefSeq ORF:	3924
Synonyms:	AU017937; AW048023; C330008L01Rik
Summary:	Serine/threonine kinase which is able to phosphorylate TAU on serine, threonine and tyrosine residues. Induces aggregation of TAU (By similarity).[UniProtKB/Swiss-Prot Function]