

Product datasheet for TP525637

Tbc1d1 (NM_019636) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse TBC1 domain family, member 1 (Tbc1d1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225637 representing NM_019636 Red=Cloning site Green=Tags(s)

MEAITFTARKHPPNEVSVDFGLQLVGLSPVHSLTTPMPLPWVVAEVRRLSGQCSKKEPRTKQVRLWVSP
SGLRCEPDLEKSQPWDPLICSSIFECKPQRVHKLIHNSHDPSYFACLKEDAAHRQSLCYVFKADDQTKV
PEIISRQAGKIARQEELRCPSEFDDTFAKKFEVLCGRVTVAHKKAPPALIDECIEKFNHVSCGRRTD
WEAPTGQPSAPGPRPMRKSFSQPGLRSLAFRKEFQDASLRSSSTFSSFDNDIENHLIGGHNVVQPTDMEEN
RTMLFTIGQSEVYLISPDTKKIALEKNFKEISFCSQGIRHVDHFGFICRECSGGSGGFHFVCYVFQCTN
EALVDEIMMTLKQAFTVAAVQQTAKAPAQLCEGCPLQGLHKLKERIEGMNSSKTKLELQKHLTTLTNQEQ
ATIFEEVQKLRRNEQRENELIISFLRCLYEEKQKEHSHTGEPKQTLQVAAENIGSDLPPSASRFRDLSL
KNRAKRSLTESLESILSRGNKARGLQDHSASVDLDSSTSTLSNTSKELSMGDKEAFPVSETSFKLLGSS
DDLSSDSEGHIAEESALLSPQQAFRRRANTLSHFVVECPAPPEAQSSPGVSRKLMRYHSVSTETPHER
KDFESKANHLGDDTGPVKTRRHSWRQQIFLRVATPQKACDPSRYEDYSELGELPPRSPLEPVCEDGPF
GPVQEEKRKSRELRELWKKAILQIQLLRMEKENQKLQASENDLLNKRKLKLDYEEITPCLKEVTTVWEK
MLSTPGRSKIKFDMEKVHSAVGGVPRHHRGEIWKFLAEQFHLKHPFSPKQPKDVPYKELLKLLTSQQH
AILIDLGRTPHPYFSAQLGAGQLSLYNILKAYSLLDQEVGYCQGLSFVAGILLHMSEEEAFKMLKFL
MFDMGLRKQYRPDMIIQIQMYQLSRLLDHYHRDLYNHLEEHEIGPSLYAAPWFLTVFASQFPLGFVARV
FDMIFLQGSSEVIFKVALSLLGSHKPLILQHENLETIVDFIKNTLPNLGLVQMEKTISQVFEMDIAKQLQA
YEVEYHVLQEELIESSPLSDNQRMEKLEKTNSSLRKQNLDLLEQLQVANARIQSLEATVEKLLTSESCLK
QAALTLEVERSALLQMVEELRRQSARPSTPEPDCTQLEPTGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	132.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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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_062610
Locus ID:	57915
UniProt ID:	Q3U3T9
RefSeq Size:	5433
Cytogenetics:	5 32.8 cM
RefSeq ORF:	3486
Synonyms:	1110062G02Rik; AI385682; AW555803; mKIAA1108; Nob1; Nobq1; Tbc1
Summary:	May act as a GTPase-activating protein for Rab family protein(s). May play a role in the cell cycle and differentiation of various tissues. Involved in the trafficking and translocation of GLUT4-containing vesicles and insulin-stimulated glucose uptake into cells.[UniProtKB/Swiss-Prot Function]