

Product datasheet for TP519269

Tbc1d4 (NM_001081278) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse TBC1 domain family, member 4 (Tbc1d4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219269 representing NM_001081278 Red=Cloning site Green=Tags(s)

MESPSCIQDEFPHPLEPEPSAPAQPGATKPGDKRFRLWYVGGSCLDLRRRTLPMLPWLMAEIRRRSQKPD
AGGCGAPAAREVILVLSAPFLRCVPAPGAGVGGGAGSGAVQPNTGVFIFEHKAQHISRFIHNSHDLTIFYA
YLIKAQPDDPESQMACHVFRATDPNQVPDVISSIRQLSKAAMKEDSKPSKDNEDAFYNSQKFEVLYCGRV
IVTHKKAPSSLIDDCKDKFSLHEQQRLKLQGERGGDPGDEMGLVLESPVSPDDSLPEKADGTVNSPRAL
PSLASLPALASQPALASSRVCFFPERILEDGCFDEQQEFRRSSSVTGVMQKKVHENNQKTQPRRRHASAP
SHVQPSDSEKNRTMLFQVGRFEINLISPDTKSVVLEKNFKDISSCSQGIKHVDHFGFICRESPEPGLSQY
ICYVFQCANESLVDEVMLTLKQAFSTAAALQSAKTQIKLCETCPMHSLHKLCEIEGLYPPRAKLVQIRH
LSSLTDNEQADIFERVQKMKPISDQEENELVILHLRQLCEAKQRTVHIGEGPAIISNSTIPENVTSGGR
FKLDVLKNKAKRSLTSSLENIFSRGANRMRGRLGSMDSFERANSLASEKDFSPGDSPPGTPPASPLSSAW
HAFPEEDSDSPQFRRAHTFHPSSSRKLNLDQDKAHLRSPLLRQSSSEQCSDGEGKRKTSSTCSNE
SLNAGGTPVTPRRVSWRQRIFLRVAVPNKSPSAMQQQKDGDRTELLPLSPLSPTMEEELIIFLSGDE
DTEKVEEKKSKELKSLWKKAIHQIILLRMEKENQKLEARRDELQSRVKLDYEEVGTCCQEILIAWDK
KLLNCRTKIRCDMEDIHTSLKEGVPKSRRGEIWQFLALQYRLRHRLPNKHQPPDTSYKELLKQLTAQQHA
ILVDLGRFTFPHYFSVQLGAGQLSLFNLLKAYSLLDKEVGYCQGISFVAGVLLHLMSEEQAFEMLKFLM
YDLGFRKQYRPDMMSLQIQMYQLSRLLDHYHRELYNHLEENEISPSLYAAPWFLTLFASQFPLGFVARVF
DIIFLQGTEVIFKVALSLLSSQEALIMECENFENIVEFLKSTLPDMNTTEMEKIITQVFEMDISKQLHAY
EVEYHVLQDELLESSYACEDNESLEKLERANNQLKRQNDLLEKLVVAHAKIQALESNLETLTRETAKMK
ALIRTLQDKMAYQKTVEQIRKLLPADALANCELLKDLTHPTNDKAKAGNKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	140.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



[View online »](#)

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_001074747
Locus ID:	210789
UniProt ID:	Q8BYJ6 , E9Q6Q8
RefSeq Size:	6641
Cytogenetics:	14 E2.3
RefSeq ORF:	3729
Synonyms:	5930406J04Rik; A930035N22; As160; AV295684
Summary:	May act as a GTPase-activating protein for RAB2A, RAB8A, RAB10 and RAB14. Promotes insulin-induced glucose transporter SLC2A4/GLUT4 translocation at the plasma membrane, thus increasing glucose uptake (By similarity).[UniProtKB/Swiss-Prot Function]