

Product datasheet for **TP508703**

Trip10 (NM_134125) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse thyroid hormone receptor interactor 10 (Trip10), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR208703 protein sequence
Red=Cloning site **Green**=Tags(s)

MDWGTTELWDQFEVLERHTQWGLDLLDKYVKFKERAQAYAKQLRSLVKKYLPKRPTKDDPEVKFSQQ
QSFVQLLQEVNDFAGQRELVAESLGIRVCLELAKYSQEMKQERKMHFQEGRRRAQQLENGFKQLENSKRK
FERDCREAEEAHTAERLDQDINATKADVEKAKQQAHLRNHMAEESKNEYAAQLQRFNRDQAHFYFSQMP
QIFDKLQDMDERRATRLGAGYGLLSEAEQVPIIGKCLEGMKVAEESVDAKNDSSQVLIELHKSGFARPG
DLEFEDFSQVINRVPSDSSLGTPDGRPELRAASSRSRAKRWPFGKKNKTVATEDFSHLPPEQQRKRLQQQ
LEERNRELQKEEDQREALKMKDVYEKTPQMGPASLEPRIAETLGNIERLKLKLEVQKYEAWLAEAESRVL
SNRGDSLRSRHRPPDPPTTAPPDSSSSSTNSGSQDNKESSEPPSEGQDTPITYEFDDEDFEPPASPIGQ
CVAIYHFEGSSEGTVMSEGEDLSLMEEDKGDGWTRVRRKQGAEGYVPTSYLRLVTLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 62.7 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

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_598886](#)



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Locus ID: 106628

UniProt ID: [Q8CJ53](#)

RefSeq Size: 2290

Cytogenetics: 17 D

RefSeq ORF: 1644

Synonyms: A1646975; Cip4

Summary: Required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. Binds to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promotes membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by recruiting WASL/N-WASP which in turn activates the Arp2/3 complex. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles. Required for the formation of podosomes, actin-rich adhesion structures specific to monocyte-derived cells. May be required for the lysosomal retention of FASLG/FASL (By similarity). Required for translocation of GLUT4 to the plasma membrane in response to insulin signaling.[UniProtKB/Swiss-Prot Function]