

Product datasheet for **TP512067**

Tiam2 (NM_011878) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse T cell lymphoma invasion and metastasis 2 (Tiam2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T



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Expression cDNA Clone >MR212067 representing NM_011878
 or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MGNSESQYTFQGSKNHSNTVTGAKQKPCSLKIRSVHAKDEKSLHGWITHGSSGAGYKSRSLARSCLSHFKN
 HQPYATRLSGPTCKVSKGTTYSKHRANTPGNDFQNSGAFLPENGFHYVDRESEESHITSNGHLLTCYGR
 KESLASTPPGEDHRSRPRVLIKTLGKLDGCLRVEFHNGGNPHKGTSEDPSGPVRLRLRYSPTLASETCPVRE
 TRRHSAAAGSPSSQRPSPTDSRLRSSKGSLSSESSWYDSPWGNAGEVSEVEGSFLAPSTPDPSLPSSFPP
 SDTKKPFNQSSLSLRELYKDPNLGCRSPSGTCLSSNEYISSQVSLNNRVSFASDMDVPSRVDHRDPLH
 YSSFTLPCRKSKALTEDAAKDKTLKARMRRFSDWTGSLSRKKRKLQEPRESMEGSEYFDSHSDGLNAEGQV
 PAQTSSLLWSGGSAQTLPHRSESTHAISVDPLRQNIYENFMRELEMSRSNTEHVETSTETMESSSESVSS
 LEQLDLLFEKEQGVVRKAGWLFKPLVTLQKERKLELVARRKWKQYVWTLKGCTLLFYETYGKNSTEQNS
 APRCALFAEDSIVQSVPEHPKKEHVFCLNSCGDVYLFQATSQTDLENWVTAIHSACASLFAKKHGKEDT
 VRLKLSQTRSLQKIDMDSKMKMAELQLSVSDPKNRKAIENQIRQWEQNLEKFHMDLFRMRCYLASLQ
 GGELPNPKSLLAATSRPSKLALGRLGVLSVSSFHALVCSRDDSTLRKRTLSTLQRGKSKKGFSSLKGLD
 TLARKGREKRASITQMFDSHSHGFLGTQLPQKSTNSNKAHDLHLYGSAVDSALRDSMWEVQTYVHFQDN
 EGVTVTIKPEHRVEDVLALVCKMRQLEPHYGLQLRKVVDKSVIEWCVPALYEMQEQVYDEIEVFLSVY
 DVQLTKTGDMTDFGFAVTVQVDEHQHLNRIFISDVLPDSLAYGGGLRKGNEITSLNGEPVSDLDIQQMEA
 LFSEKSVGLTLVARPVTRRRLCASWSDSLFSRDQKSLPPSPNQSQLLEEFLDNFRKTATSDFSNVPEI
 TTGLKRSQTEGLDQVPHREKMEQTFLSADQIAELCRDLNNTHTNSMEAPTESHDPPIPRPLARHLSDADR
 LRKVIQELVDTEKSYVKDLSCLFELYLEPLQNETFLTQDEMESLFGSLPEMLEFQKVLETLEDAISS
 DFSVLETSPQFRKLLFSLGGFLYADHFKLYSGFCANHIKQVRLERAKTDKAFKAFLDARNPTKQHSS
 TLESYLIKPVQVRLKYPLLLKELVSLTDHESEEHYHLTEALKAMEKVASHINEMQKIYEDYGMVFDQLVA
 EQSGTEKEVTELSMGELLMHSTVSWLNPFLSLGKARKDIELTVFVFKRAVILVYKENCKLKKKLPNSRP
 AHNSADLDPFKFRWLIPISALQVRLGNTAGTENNSTWELIHTKSEIEGRPETIFQLCCSDSENKTSIVKV
 IRSILRENFRRIKCELPLEKTCKDRLVPLKNRVPSAKLASSRSLKGLRTSSSSEWPSEPSKGNLSDSD
 ECSLSSGTQSSGCPVAESRRDSKSTELEKDAQEGLAEFPDGLIKESDILSDEDEDFFHHPLKQGSPTKDIE
 IQFQRLKISEESDVHPVGQQLTESGEQPKLVRGHFCPIKRRKANSTKRGRGTLKQAQTRHQSLDHPETA
 SIDLNLVLEREFVSQSLTSVWNEEGFYETQSHGKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

- Tag:** C-MYC/DDK
- Predicted MW:** 192.6 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_036008
Locus ID:	24001
UniProt ID:	Q6ZPF3
RefSeq Size:	6128
Cytogenetics:	17 1.99 cM
RefSeq ORF:	5145
Synonyms:	3000002F19Rik; mKIAA2016; STEF
Summary:	<p>Modulates the activity of RHO-like proteins and connects extracellular signals to cytoskeletal activities. Acts as a GDP-dissociation stimulator protein that stimulates the GDP-GTP exchange activity of RHO-like GTPases and activates them. Activates specifically RAC1, but not CDC42 and RHOA. Mediates extracellular laminin signals to activate Rac1, contributing to neurite growth. Involved in lamellipodial formation and advancement of the growth cone of embryonic hippocampal neurons. Promotes migration of neurons in the cerebral cortex. When overexpressed, induces membrane ruffling accompanied by the accumulation of actin filaments along the altered plasma membrane.[UniProtKB/Swiss-Prot Function]</p>