

Product datasheet for **TP509489**

Rhot2 (NM_145999) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ras homolog family member T2 (Rhot2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209489 representing NM_145999 Red =Cloning site Green =Tags(s)

MRRDVRILLLGEAQVGKTSLLSLVGEFPPEEVPARAEIITIPADVTPEKVPPTHIVDYSEAEQTEELQE
EIHKANVVCVYDVSEETTIEKIRTKWIPLVNGRTATGPRLPIILVGNKSDLRPGSTMEAVLPIMSQFPE
IETCVECSAKHLRNISELFYQAQKAVLHPTAPLYDPEAKQLRPACAQALTRIFRLSDQDRDHGLSDEELN
AFQKSCFGHPLAPQALEDVKRVVCKNVSGGVQNDRLTLEGFLFLNTLFIQRGRHETTWTILRRFGYSDSL
ELTPDYLYPALHVPPGCSTELNHRGYQFVQRMFEKHDQDHDGVLSPTELQNLFSVFGAPWGPPELLHTVP
TQAGCLPLHGYLCQWTLMTYLDVQQCLAHLGYLGYPTLCEQDSQAQAITVTREKLDQEKGQTQRSVLMC
KVLGARGVGKSAFLQAFGLNSLGEARDPPEKFPPLHTINTVRVNGQEKEYLILCEVNADSLDTSLDTTCDV
ACLMFDSSDPKTFVHCATYKRYMDGQTPCLFIASKADLPEGVAPPGLSPAEFRRHRLPAPASFSLCGL
PAMPSTDVFTQLATMATFPHLVHTELHPTSFWLRGVLVAVGTAVAAVLSFSLYRVLVKSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	69.5 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.



[View online »](#)

RefSeq: [NP_666111](#)

Locus ID: 214952

UniProt ID: [Q8IZN7](#)

RefSeq Size: 2825

Cytogenetics: 17 12.93 cM

RefSeq ORF: 1860

Synonyms: Arht2; Miro2

Summary: Mitochondrial GTPase involved in mitochondrial trafficking. Probably involved in control of anterograde transport of mitochondria and their subcellular distribution (By similarity).
[UniProtKB/Swiss-Prot Function]