

Product datasheet for **TP507858**

Rabgef1 (NM_019983) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse RAB guanine nucleotide exchange factor (GEF) 1 (Rabgef1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR207858 representing NM_019983
Red=Cloning site **Green**=Tags(s)

MSLKSERRGIHVDQSELLCKKGCYYGNPAWQGFCSKCWREEYHKARQRQIQEDWELAERLQREEEAFA
SSQSSQGAQSLTFSKFEEKTNEKTRKVTTVKKFFSASSRAGSKKEIQEAKAPSPSINRQTSIETDRVTK
EFIDFLKTFHKTGQEVYKQTKMFLEAMPYKRDLSIEEQSECTQDFYQNVARMQTRGKVPPEKVEKIMDQ
IEKHIMTRLYKFVFCPETDDEKDLAIQKRIRALHWVTPQMLCVPVNEEIPVSDMVVKAITDIIEMDS
KRVPRDKLACITRCSKHIFNAIKITKNEPASADDFLPTLIYIVLKGNNPRLQSNIQYITRFCNPSRLMTG
EDGYFTNLCCAVAFIEKLDASLNLSQEDFDRYMSGQTSRPRKQESWPEACLGVKQMYKNLDDLSQL
NERQERIMNEAKKLEKDLIDWTDGIAKEVQDIVEKYPLEIKPPNQPLAAIDSENVENDKLPPLQPQVYA
G

TRRLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 57.3 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_064367](#)



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Locus ID:	56715
UniProt ID:	Q9J1M13
RefSeq Size:	2843
Cytogenetics:	5 G1.3
RefSeq ORF:	1473
Synonyms:	Rab5ef; Rabex5; Rin2
Summary:	Rab effector protein acting as linker between gamma-adaptin, RAB4A or RAB5A. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Stimulates nucleotide exchange on RAB5A (By similarity). Can act as a ubiquitin ligase (By similarity). [UniProtKB/Swiss-Prot Function]