

Product datasheet for **TP505634**

Gkap1 (NM_019832) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse G kinase anchoring protein 1 (Gkap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205634 representing NM_019832 Red =Cloning site Green =Tags(s) MASAVLSSVLTTASRFALLQVDSGSGSDSEPGKGKGRSNGKSQTLGNKATSNEKKREKRRKKKEQQQSEA NELRNLAFFKIPQKSSHSICNVQHELSSPNAQKESREENWQEWQRKDEQLTSEMFEADLEKALLLSKLE YEEHKQDYENAETASTQTKGINKKDKRKNHQGKDKPVTVSLKDFQCEDHISKKAEESSNSAQTLSDHGGFF NRLEDDVHKILIREKRREQLTEHNGTDNSPAPEHNQEVGLKDGRIERLKLERKDAEIQKLKAVITQWE AKYKEVKARNGQLLKMLQEGEMKDKAEILLQVDESQSIKNELTVQVSSLHAALEQERSKVKVLQAEALAKY QGGRKGKRNFEPDHCR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	42.2 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_062806
Locus ID:	56278
UniProt ID:	Q9JMB0


[View online »](#)

RefSeq Size:	1547
Cytogenetics:	13 30.97 cM
RefSeq ORF:	1098
Synonyms:	42kDa; 4933400B15Rik; D13Ert340e; Gkap42
Summary:	Regulates insulin-dependent IRS1 tyrosine phosphorylation in adipocytes by modulating the availability of IRS1 to IR tyrosine kinase. Its association with IRS1 is required for insulin-induced translocation of SLC2A4 to the cell membrane. Involved in TNF-induced impairment of insulin-dependent IRS1 tyrosine phosphorylation.[UniProtKB/Swiss-Prot Function]