

Product datasheet for **TP506250**

Rragc (NM_017475) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Ras-related GTP binding C (Rragc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206250 representing NM_017475 Red=Cloning site Green=Tags(s)

MSLQYGAEETPLAGSYGAADSFPKDFGYGVEEEEEEAAAGGGGGAGAGGGCGPGGADSSKPRILLMGLRR
SGKSSIQKVVFHKMSPNETLFLESTNKIYKDDISNSSFVNFQIWFDPGQMDFFDPTFDYEMIFRGTGALI
YVIDAQDDYMEALTRLHITVSKAYKVNPD MNFEVFIHKVDGLSDDHKIETQRDIHQRANDDLADAGLEKL
HLSFYLTSIYDHSIFEAFSKVQKLIPQLPTLELLNIFISNSGIEKAFLFDVVSKIYIATDSSPVDMQS
YELCCDMIDWIDVSCIYGLKEDGSGSAYDKESMAIIKLNNNTVLYLKEVTKFLALVCILREESFERKGL
IDYNFHCFRKAIHEVFEVGVTS HRSCSHQTSAPSLKALAHNGTPRNAI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	44.1 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_059503
Locus ID:	54170
UniProt ID:	Q99K70



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RefSeq Size:	2621
Cytogenetics:	4 D2.2
RefSeq ORF:	1194
Synonyms:	AU041672; Gtr2; RAGC; TIB929; YGR163W
Summary:	Guanine nucleotide-binding protein forming heterodimeric Rag complexes required for the amino acid-induced relocalization of mTORC1 to the lysosomes and its subsequent activation by the GTPase RHEB. This is a crucial step in the activation of the TOR signaling cascade by amino acids (By similarity).[UniProtKB/Swiss-Prot Function]