

Product datasheet for TP516840

Rragd (NM_027491) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Ras-related GTP binding D (Rragd), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216840 representing NM_027491 Red=Cloning site Green=Tags(s)

MSQVLGKQPQGEDGGDEEEDELVGLAGYEDGPESSDAELDSGPEEGVLDFSDPFSTEVKPRILLMGLR
RSGKSSIQKVVFKMSPSETLFLESTNCRICREDVSNSSFVNFQIWFDPGQIDFFDPTFDYEMIFRGTGAL
IFVIDSQDDYMEALARLHLTVTRAYKVNTDINFEVFIHKVDGLSDDHKIETQRDIHQRANDDLADAGLEK
IHLSFYLTSIYDHSIFEAFSKVVQKLIPQLPTLENLLNIFISNSGIEKAFLFDVSKIYIATDSTPVDQM
TYELCCDMIDWIDISCIYGLKEDGAGAPYDKDSTAIKLNNTTVLYLKEVTKFLALVCFVREESFERKG
LIDYNFHCFRKAIHEVFEVRMCMVKSQRKAQSRLPKKTGATPNGTTPRVLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	45.6 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_081767
Locus ID:	52187
UniProt ID:	Q7TT45 , B1AWT2



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RefSeq Size:	5047
Cytogenetics:	4 14.57 cM
RefSeq ORF:	1197
Synonyms:	5730543C08Rik; AI467523; C030003H22Rik; D4Ertd174e
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]