

Product datasheet for **TP303834M**

RRAGC (NM_022157) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Ras-related GTP binding C (RRAGC), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203834 protein sequence Red =Cloning site Green =Tags(s)
	<p>MSLQYGAEETPLAGSYGAADSFDPKDFGYGVEEEEEAAAAAGGGVAGAGGGCGPGGADSSKPRILLMGLR RSGKSSIQKVFHKMSPNETLFLESTNKIYKDDISNSSFVNFQIWDFFPGQMDFFDPTFDYEMIFRGTGAL IYVIDAQDDYMEALTRLHITVSKAYKVNPD MNFEVFIHKVDGLSDDHKIETQRDIHQRANDDLADAGLEK LHLSFYLTSIYDHSIFEAFSKVVQKLIPQLPTLENLLNIFINSNGIEKAFLFDVWSKIYATDSSPVD MQ SYELCCDMIDVVIDVSCIYGLKEDGSGSAYDKESMAIKLNNTTVLYLKEVTKFLALVCILREESFERKG LIDYNFHCFRKAIHEVFEVGVTS HRSCGHQTSASSLKALTHNGTPRNAI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	44 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_071440
Locus ID:	64121



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UniProt ID: [Q9HB90](#)

RefSeq Size: 2746

Cytogenetics: 1p34.3

RefSeq ORF: 1197

Synonyms: GTR2; RAGC; TIB929

Summary: This gene encodes a member of the GTR/RAG GTP-binding protein family. The encoded protein is a monomeric guanine nucleotide-binding protein which forms a heterodimer with RRAGA and RRAGB and is primarily localized to the cytoplasm. The encoded protein promotes intracellular localization of the mTOR complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified RRAGC protein (Cat# [TP303834]). The protein was produced from HEK293T cells transfected with RRAGC cDNA clone (Cat# [RC203834]) using MegaTran 2.0 (Cat# [TT210002]).