

## Product datasheet for PH303834

### RRAGC (NM\_022157) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RRAGC MS Standard C13 and N15-labeled recombinant protein (NP_071440)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203834
Predicted MW:	44.2 kDa
Protein Sequence:	>RC203834 protein sequence Red=Cloning site Green=Tags(s)
	MSLQYGAEEETPLAGSYGAADSFPKDFGYGVEEEEEEAAAAGGGVGAGAGGCGPGGADSSKPRILLMGLR RSGKSSIQKVVFHKMSPNETLFLESTNKIYKDDISNSSFVNFQIWFDPGQMDFFDPTFDYEMIFRGTGAL IYVIDAQDDYMEALTRLHITVSKAYKVNPD MNFEVFIHKVDGLSDDHKIETQRDIHQRANDDLADAGLEK LHLSFYLT SIYDHSIFEAFSKVVQKLIPQLPTLENLLNIFISNSGIEKAF LFDVSKIYIATDSSPVDMQ SYELCCDMIDVVIDVSCIYGLKEDGSGSAYDKESMAI IKLNNTTVLYLKEVTKFLALVCILREESFERKG LIDYNFHCFRKA IHEVFEVGVTS HRSCGHQTSASSLKAL THNGTPRNAI
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_071440</u>
RefSeq Size:	2746
RefSeq ORF:	1197
Synonyms:	GTR2; RAGC; TIB929
Locus ID:	64121



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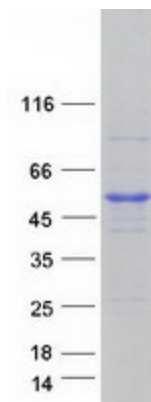
UniProt ID: [Q9HB90](#)

Cytogenetics: 1p34.3

**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]).