

## Product datasheet for **AR50261PU-S**

### RRAGC / Rag C (1-399, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	RRAGC / Rag C (1-399, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSLQYG AEETPLAGSY GAADSFPKDF GYGVEEEEE AAAAGGGVGA GAGGGCGPGG ADSSKPRILL MGLRRSGKSS IQKVVFKMS PNETHLEST NKIYKDDISN SSFVNFQIWD FPGQMDFFDP TFDYEMIFRG TGALIYVIDA QDDYMEALTR LHITVSKAYK VNPDMNFEVF IHKVDGLSDD HKIETQRDIH QRANDDLADA GLEKHLHSFY LTSIYDHSIF EAFSKVQKL IPQLPTLENL LNIFISNSGI EKAFLFDVVS KIIATDSSP VDMQSYELCC DMIDVVIDVS CIYGLKEDGS GSAYDKESMA IIKLNNTTVL YLKEVTKFLA LVCILREESF ERKGLIDYNF HCFRKAIHEV FEVGVTSQRS CGHQTSASSL KALTHNGTPR NAI
Tag:	His-tag
Predicted MW:	46.7 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RRAGC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001258780</a>
Locus ID:	64121
UniProt ID:	<a href="#">Q9HB90</a> , <a href="#">B4DQG4</a> , <a href="#">B4DQ03</a>
Cytogenetics:	1p34.3



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**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