

Product datasheet for **AR09434PU-N**

RRAS (1-215, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RRAS (1-215, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSSGAASGTG RGRPRGGGPG PGDPPPSETH KLWVGGGGV GKSALTIQFI QSYFVSDYDP TIEDSYTKIC SVDGIPARLD ILDTAGQEEF GAMREQYMRA GHGFLLVFAI NDRQSFNEVG KLFTQILRVK DRDDFPVVLV GNKADLESQR QVPRSEASAF GASHHVAYFE ASAKLRLNVD EAFEQLVRAV RKYQEQLPP SPPSAPRKKG GGCP
Tag:	His-tag
Predicted MW:	25.3 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 10% glycerol, 0.1 M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant RRAS 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 up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_006261</u>
Locus ID:	6237
UniProt ID:	<u>P10301</u> , <u>A0A024QZF2</u>
Cytogenetics:	19q13.33
Synonyms:	R-Ras



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Summary:

The protein encoded by this gene is a small GTPase involved in diverse processes including angiogenesis, vascular homeostasis and regeneration, cell adhesion, and neuronal axon guidance. Mutations in this gene are found in many invasive cancers. [provided by RefSeq, Jul 2015]

Protein Families:

Druggable Genome

Protein Pathways:

MAPK signaling pathway, Regulation of actin cytoskeleton, Tight junction

Product images: