

Product datasheet for **AR09279PU-N**

RRAS2 / TC21 (1-201, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RRAS2 / TC21 (1-201, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MAAAGWRDGS GQEKYRLVW GGGGVGKSAL TIQFIQSYFV TDYDPTIEDS YTKQCVIDDR AARLDILDTA GQEEFGAMRE QYMRTGEGFL LVFSVTDRGS FEEIYKFQRQ ILRVKDRDEF PMILIGNKAD LDHQRQVTQE EGQQLARQLK VTMEASAKI RMNVDAQAFHE LVRVIRKFQE QECPPSPEPT RKEKDKKGCH C
Tag:	His-tag
Concentration:	lot specific
Purity:	>95% % 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, 2 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RRAS2, 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_001096139</u>
Locus ID:	22800
UniProt ID:	<u>P62070</u>
Cytogenetics:	11p15.2
Synonyms:	NS12; TC21



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Summary:

This gene encodes a member of the R-Ras subfamily of Ras-like small GTPases. The encoded protein associates with the plasma membrane and may function as a signal transducer. This protein may play an important role in activating signal transduction pathways that control cell proliferation. Mutations in this gene are associated with the growth of certain tumors. Pseudogenes of this gene are found on chromosomes 1 and 2. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Apr 2010]

Protein Families:

Druggable Genome

Protein Pathways:

MAPK signaling pathway, Regulation of actin cytoskeleton, Tight junction

Product images: