

Recombinant Human RRAS2, His-tagged

Cat. No. RRAS2-29988TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length mature human RRAS2 fused to His tag at N-terminus; amino acids 1-201 , 25.2kDa.
Species	Human
Source	E.coli
ProteinLength	1-201 a.a.
Description	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.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 2mM EDTA, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

freeze / thaw cycles.

Sequences of amino acids

MGSSHHHHHH SGLVPRGSH MAAAGWRDGS GQEKYRLVVV GGGVVGKSAL
 TIQFIQSYFV TDYDPTIEDS YTKQCVIDDR AARLDILDTA GQEEFGAMRE
 QYMRTGEGFL LVFSVTDRGS FEEIYKFQRQ ILRVKDRDEF PMILIGNKAD
 LDHQRQVTQE EGQQLARQLK VTYMEASAKI RMNVDAQAFHE LVRVIRKFQE
 QECPPSPEPT RKEKDKKGCH C

Full Length

Full L.

GENE INFORMATION

Gene Name

RRAS2 related RAS viral (r-ras) oncogene homolog 2 [Homo sapiens]

Official Symbol

RRAS2

Synonyms

RRAS2; related RAS viral (r-ras) oncogene homolog 2; ras-related protein R-Ras2; TC21;

Gene ID

22800

mRNA Refseq

NM_001102669

Protein Refseq

NP_001096139

MIM

600098

Uniprot ID

P62070

Chromosome Location

11pter-p15.5

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Pathway

HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Regulation of Actin Cytoskeleton, organism-specific biosystem;

Function

GTP binding; GTPase activity; nucleotide binding; protein binding;

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