

Recombinant Human RRAS2

Cat. No. RRAS2-30472TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RRAS2 with a proprietary tag; Predicted MWt 49 kDa.
Species	Human
Source	E.coli
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.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 5mM Magnesium chloride, 5mM Beta mercaptoethanol, 25mM Tris HCl, 150mM Sodium chloride, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Full Length	Full L.

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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
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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