

Recombinant Human RRAS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RRAS2-4415H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RRAS2 MS Standard C13 and N15-labeled recombinant protein (NP_036382) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	23.4 kDa
AA Sequence	MAAAGWRDGSQGEKYRLVVGGGGVGKSALTIQFIQSYFVTDYDPTIEDSYTKQCV IDDRAARLDILDTAGQEEFGAMREQYMRTGEGFLLVFSVTDGRGSFEEIYKFQRQILR VKDRDEFPMILIGNKADLDHQRQVTQEEGQQLARQLKVTYMEASAKIRMNVDQAFH ELVRVIRKFQEQECPSPSEPTRKEKDKKGCHCVIFSGPTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

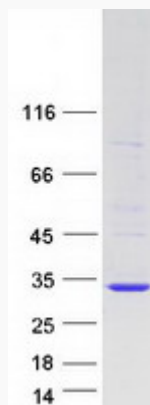
Gene Name	RRAS2 RAS related 2 [Homo sapiens (human)]
Official Symbol	RRAS2
Synonyms	RRAS2; related RAS viral (r-ras) oncogene homolog 2; ras-related protein R-Ras2; TC21; ras-like protein TC21; teratocarcinoma oncogene;
Gene ID	22800
mRNA Refseq	NM_012250
Protein Refseq	NP_036382
MIM	600098
UniProt ID	P62070

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SDS-PAGE



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