

Product datasheet for **TP304591M**

RRAS2 (NM_012250) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human related RAS viral (r-ras) oncogene homolog 2 (RRAS2), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC204591 protein sequence
Red=Cloning site **Green**=Tags(s)

MAAAGWRDGGSGQEKYRLVWVGGGGVVGKSALTIQFIQSYFVTDYDPTIEDSYTKQCVIDDRAARLDILDTA
GQEEFGAMREQYMRTGEGFLLVFSVTDGRGSFEEIYKFQRQILRVKDRDEFPMILIGNKADLDHQRQVTQE
EGQQLARQLKVTYMEASAKIRMNVDQAFHELVRVIRKFQEQCPPSPEPTRKEKDKKGCHCVIF

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 23.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_036382](#)

Locus ID: 22800

UniProt ID: [P62070](#)



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RefSeq Size: 2360

Cytogenetics: 11p15.2

RefSeq ORF: 612

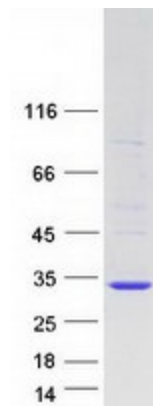
Synonyms: NS12; TC21

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:



Coomassie blue staining of purified RRAS2 protein (Cat# [TP304591]). The protein was produced from HEK293T cells transfected with RRAS2 cDNA clone (Cat# [RC204591]) using MegaTran 2.0 (Cat# [TT210002]).