

Datasheet for ABIN935092

**GTPase NRas Protein (NRAS) (AA 1-186)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	GTPase NRas (NRAS)
Protein Characteristics:	AA 1-186
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MTEYKLVVVG AGGVGKSALT IQLIQNHFVD EYDPTIEDSY RKQVVIDGET CLLDILDTAG QEEYSAMRDQ YMRTGEGFLC VFAINNSKSF ADINLYREQI KRVKDSDDVP MVLVGNKCDL PTRTVDTKQA HELAKSYGIP FIETSAKTRQ GVEDAFYTLV REIRQYRMKK LNSSDDGTQG CMGLPC
Characteristics:	Purified recombinant Human NRAS protein Expression System: E.coli
Purity:	> 95 % pure

## Target Details

Target:	GTPase NRas (NRAS)
Alternative Name:	NRAS ( <a href="#">NRAS Products</a> )
Background:	Neuroblastoma RAS viral (v-ras) oncogene homolog, also known as NRAS, is a member of the

## Target Details

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RAS gene family. NRAS is an oncogene encoding a membrane protein that shuttles between the Golgi apparatus and the plasma membrane. The encoded protein, which has intrinsic GTPase activity, is activated to a GTP-bound form by a GTPase activating protein and inactivated to a GDP-bound form by a guanine nucleotide-exchange factor. Recombinant human NRAS was expressed in *E. coli* and purified by using conventional chromatography techniques.

Alternative Names: N ras protein part 4 protein, HRAS1 protein, v ras neuroblastoma RAS viral oncogene homolog, NS6 protein, OTTHUMP00000013879 protein, Neuroblastoma RAS viral (v ras) oncogene homolog protein, ALPS4 protein, GTPase NRas protein, AV095280 protein, N ras protein, Transforming protein N Ras protein, N-ras protein, NRAS1 protein, Neuroblastoma RAS viral (v-ras) oncogene homolog OTTMUSP00000023521 protein

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Molecular Weight: 20.8 kDa (186 AA)

Pathways: [p53 Signaling](#), [MAPK Signaling](#), [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Hepatitis C](#), [Regulation of long-term Neuronal Synaptic Plasticity](#), [VEGF Signaling](#)

## Application Details

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Application Notes: NRAS protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

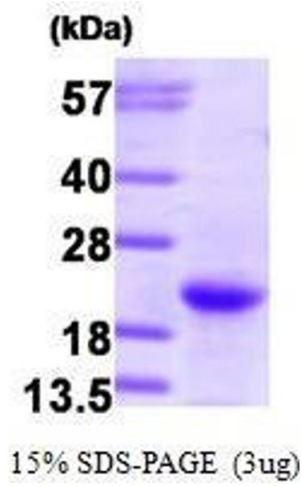
Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 7.5, containing 100 mM NaCl, 10 % glycerol.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



#### SDS-PAGE

**Image 1.** Figure annotation denotes ug of protein loaded and % gel used.