

Datasheet for ABIN666969

HRAS Protein (AA 1-186) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	HRAS
Protein Characteristics:	AA 1-186
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HRAS protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	HRAS, 1-186aa, Human, His-tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	HRAS
Alternative Name:	HRAS (HRAS Products)
Background:	HRAS, also known as GTPase HRas, belongs to the Ras family which function in signal transduction pathways. This protein can bind GTP and GDP, and it has intrinsic GTPase activity. HRAS undergoes a continuous cycle of de- and re-palmitoylation, which regulates its rapid exchange between the plasma membrane and the Golgi apparatus. It also may play a role in regulating the kinetics of signaling in the phototransduction cascade. Defects in HRAS are

Target Details

implicated in a variety of cancers, including bladder cancer, follicular thyroid cancer, and oral squamous cell carcinoma. Recombinant human HRAS protein was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: HMG14, GC104230, v-Ha-ras Harvey rat sarcoma viral oncogene homolog C BAS/HAS, c H ras, C HA RAS1, c has/bas p21 protein, c ras Ki 2 activated oncogene, CTLO, GTP and GDP binding peptide B, H Ras 1, H RASIDX, Ha Ras, Ha Ras1 proto oncoprotein, HAMSV, HRAS, HRAS1, K ras, N ras, p19 H RasIDX protein, p21ras, Ras family small GTP binding protein H Ras, RASH1, Transformation gene oncogene HAMSV, Transforming protein p21, v Ha ras Harvey rat sarcoma viral oncogene homolog, VH Ras, vHa RAS. NCBI no.: NP_001123914

Molecular Weight: 22.0 kDa (194aa), confirmed by MALDI-TOF.

Pathways: [p53 Signaling](#), [MAPK Signaling](#), [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Hepatitis C](#), [Autophagy](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [Regulation of long-term Neuronal Synaptic Plasticity](#), [VEGF Signaling](#), [BCR Signaling](#)

Application Details

Restrictions: For Research Use only

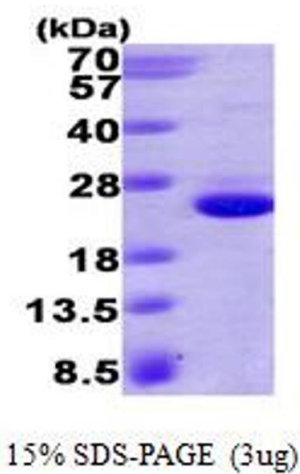
Handling

Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl

Storage: 4 °C



SDS-PAGE
Image 1.