

[Go to Product page](#)

Datasheet for ABIN1635913

**GTPase NRas Protein (NRAS) (AA 1-186) (His tag)**

## Overview

Quantity:	1 mg
Target:	GTPase NRas (NRAS)
Protein Characteristics:	AA 1-186
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GTPase NRas protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MTEYKLVVVG AGGVGKSALT IQLIQNHFVD EYDPTIEDSY RKQVVIDGET CLLDILDTAG QEEYSAMRDQ YMRTGEGLLC VFAINNSKSF ADINLYREQI KRVKDSDDVP MVLVGKNCDL PTRTVDTKQA HELAKSYGIP FIETSAKTRQ GVEDAFYTLV REIRQYRMKK LNSSDDGTQG CMGLPC
Specificity:	Pongo abelii (Sumatran orangutan)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

Target:	GTPase NRas (NRAS)
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## Target Details

Abstract:	<a href="#">NRAS Products</a>
Background:	Recommended name: GTPase NRas. Alternative name(s): Transforming protein N-Ras
UniProt:	<a href="#">Q5RD87</a>
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">MAPK Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Hepatitis C</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a> , <a href="#">VEGF Signaling</a>

## Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.