

General Information

Gene Name Synonym

H-Ras-1; Ha-Ras; Transforming protein p21; c-H-ras; p21ras; GTPase HRas, N-terminally processed

Protein Construction

A DNA sequence encoding the human HRAS (P01112) (Met 1-Cys 186) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 94 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met 1

Molecular Mass

The recombinant human HRAS consists of 196

amino acids and predicts a molecular mass of 22.4 kDa. It migrates as an approximately 23 kDa band in SDS-PAGE in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% gly

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

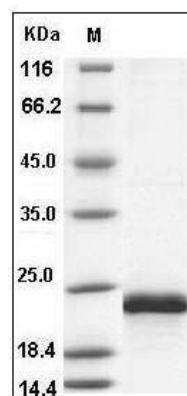
Store it under sterile conditions at -20°C to -80°C .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human HRAS / GTPase Hras Protein (His Tag)
SDS-PAGE