

Recombinant Rat HRAS Protein (2-186 aa), His-tagged

Cat. No. HRAS-1284R Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Rat HRAS Protein (2-186 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein. |
| Species | Rat |
| Source | E.coli |
| ProteinLength | 2-186 aa |
| Description | Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. |
| Form | Tris-based buffer,50% glycerol |
| Molecular Mass | 24.9 kDa |
| AA Sequence | TEYKLVVVGAGGVGKSALTIQLIQNHFVDEYDPTIEDSYRKQVVIDGETCLLDILDITAG QEEYSAMRDQYMRTGEGFLCVFAINNTKSFEDIHQYREQIKRVKSDDVPMVLVGN KCDLAARTVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQHKLRKLN PDESGPGCMSCKC |
| Purity | > 90% as determined by SDS-PAGE. |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week. |

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Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name

Hras Harvey rat sarcoma virus oncogene [*Rattus norvegicus*]

Official Symbol

HRAS

Synonyms

HRAS; GTPase HRas; p21ras; H-Ras-1; HRAS1; c-H-ras;

Gene ID

293621

mRNA Refseq

NM_001098241

Protein Refseq

NP_001091711

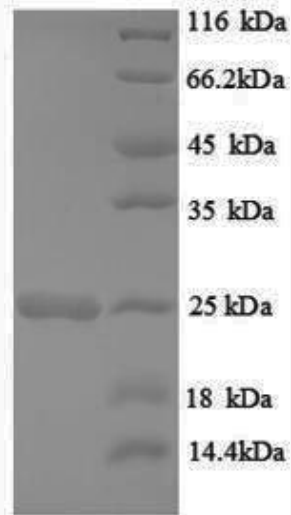
UniProt ID

P20171

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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