

Recombinant Human NRAS Protein, His-tagged

Cat. No. NRAS-447H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant mature form of human NRAS (P01111) (Met1-Cys186) was expressed with a polyhistidine tag at the N-terminus. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Met1-Cys186 |
| Form | Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Molecular Mass | The recombinant human NRAS consists of 202 amino acids and predicts a molecular mass of 23 KDa. It migrates as an approximately 24 KDa band in SDS-PAGE under reducing conditions. |
| Purity | > 95 % as determined by SDS-PAGE |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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 | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

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GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | NRAS neuroblastoma RAS viral (v-ras) oncogene homolog [Homo sapiens] |
| Official Symbol | NRAS |
| Synonyms | NRAS; neuroblastoma RAS viral (v-ras) oncogene homolog; GTPase NRas; N ras; N-ras protein part 4; transforming protein N-Ras; v-ras neuroblastoma RAS viral oncogene homolog; NS6; ALPS4; N-ras; NRAS1; |
| Gene ID | 4893 |
| mRNA Refseq | NM_002524 |
| Protein Refseq | NP_002515 |
| MIM | 164790 |
| UniProt ID | P01111 |

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