

Recombinant Human HRAS protein(Met1-Cys186), His-tagged

Cat. No. HRAS-2524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HRAS (P01112) (Met 1-Cys 186) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Cys186
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% gly Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human HRAS consists of 197 amino acids and predicts a molecular mass of 22.45 kDa. It migrates as an approximately 23 kDa band in SDS-PAGE in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 94 % 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.

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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.

GENE INFORMATION

Gene Name [HRAS v-Ha-ras Harvey rat sarcoma viral oncogene homolog \[Homo sapiens \]](#)

Official Symbol [HRAS](#)

Synonyms

HRAS; v-Ha-ras Harvey rat sarcoma viral oncogene homolog; HRAS1; GTPase HRas; p21ras; H-Ras-1; p19 H-RasIDX protein; c-has/bas p21 protein; transforming protein p21; Ha-Ras1 proto-oncoprotein; c-ras-Ki-2 activated oncogene; GTP- and GDP-binding peptide B; transformation gene: oncogene HAMS; Ras family small GTP binding protein H-Ras; CTLO; HAMS; K-RAS; N-RAS; RASH1; C-H-RAS; H-RASIDX; C-BAS/HAS; C-HA-RAS1;

Gene ID [3265](#)

mRNA Refseq [NM_001130442](#)

Protein Refseq [NP_001123914](#)

MIM [190020](#)

UniProt ID [P01112](#)

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