

Recombinant Human HRAS (Q61L) Protein

Cat. No. HRAS-701H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HRAS protein (NP_005334Q61L) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	189 amino acids
Description	Ras proteins are members of the superfamily of small GTP-binding proteins that function as molecular switches controlling a variety of signaling and transport pathways. H-Ras is one of the classic human Ras proteins (H-, N-, K-Ras4A, and K-Ras4B). The mutation Q61L results in a decreased GTPase activity as well as increased GDP/GTP exchange. This mutant constitutively activates the Ras-signaling pathway. Protein preparation is 77% GDP- and 23% GTP-loaded, measured by HPLC.
Form	64 mM Tris-HCl pH 7.2, 10 mM MgCl ₂ and 5 mM DTE
Molecular Mass	21.3 kDa
Purity	> 95 % (SDS-PAGE)
Storage	Store at -80 centigrade, avoid freeze/thaw cycles.

GENE INFORMATION

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Gene Name	HRAS v-Ha-ras Harvey rat sarcoma viral oncogene homolog [Homo sapiens]
Official Symbol	HRAS
Synonyms	CTLO; HAMSVM; HRAS1; RASH1; p21ras; C-H-RAS; H-RASIDX; C-BAS/HAS; C-HA-RAS1
Gene ID	3265
mRNA Refseq	NM_005343.2
Protein Refseq	NP_005334.1
MIM	190020
UniProt ID	P01112

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