

## V-Ha-ras Harvey Rat Sarcoma Viral Oncogene Homolog Human Recom-

<b>Item Number</b>	rAP-4469
<b>Synonyms</b>	C-BAS/HAS, C-H-RAS, C-HA-RAS1, CTLO, H-RASIDX, HAMSV, HRAS1, K-RAS, N-RAS, RASH1.
<b>Description</b>	HRAS Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 194 amino acids (1-186 a.a.) and having a molecular mass of 22 kDa. HRAS protein is fused to an 8 amino acid His-Tag at C-terminus and purified by standard chromatography.
<b>Uniprot Accession Number</b>	P01112
<b>Amino Acid Sequence</b>	MTEYKLVVVG AGGVGKSALT IQLIQNHFVD EYDPTIEDSY RKQVVIDGET CLLDILDTAG QEEYSAMRDQ YMRTGEGFLC VFAINNTKSF EDIHQYREQI KRVKDSDDVP MVLVGNKCDL AAR- TVESRQA QDLARSYGIP YIETSAKTRQ GVEDAFYTLV REIRQHKLRLK LNPPDESGPG CMSCKCLEHH HHHH.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	0.5mg/ml solution containing 20mM Tris-HCl pH-8, 0.1M NaCl & 20% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**