

HRAS

Recombinant Human GTPase HRas, G12V mutation, GST-tag

Catalog No.	CSI11667	Quantity:	50 µg
Alternate Names:	Harvey rat sarcoma viral oncogene homolog, H-Ras-1, Transforming protein p21, p21ras		
Description:	<p>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-Ras-4A, and K-Ras-4B). The mutation G12V leads to elimination of the intrinsic GTPase activity. H-Ras (G12V) is effective in activating PI3K and PKB, whereas N-Ras and K-Ras are more potent towards MAP kinase.</p> <p>The GST-Tag facilitates the protein's application in typical GST pull-down assays.</p>		
UniProt ID:	P01112		
Gene ID:	3265		
Source:	<i>E. coli</i>		
Formulation:	25 mM Tris-HCl, 150 mM NaCl, 5 mM MgCl ₂ , and 5 mM β-mercaptoethanol, pH 7.5		
Purity:	> 95% by SDS-PAGE.		
Storage & Stability:	Store at -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -80°C. Avoid freeze / thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

