

HRAS

Recombinant Human GTPase HRas, G12V mutation

Catalog No.	CSI11663	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. HRas is one of the classic human Ras proteins (H-, N-, KRas4A, and K-Ras4B).</p> <p>The mutation G12V leads to elimination of the intrinsic GTPase activity. H-Ras (G12V) is effective in activation of PI3K and PKB, whereas N-Ras and K-Ras are more potent towards MAP kinase.</p>		
UniProt ID:	P01112		
Gene ID:	3265		
Source:	<i>E. coli</i>		
Formulation:	64 mM Tris-HCl, 10 mM MgCl ₂ , 5 mM DTE, pH 7.2		
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.

