

HRAS

Recombinant Human GTPase HRas

Catalog No.	CSI11659	Quantity:	50 µg
Alternate Names:	Harvey rat sarcoma viral oncogene homolog, H-Ras-1, Transforming protein p21, p21ras		
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. HRas is one of the classic human Ras proteins (H-, N-, K-Ras4A, and K-Ras4B). The protein preparation is suitable as a substrate for farnesyltransferase and is 98% GDP- and 2% GTP-loaded, measured by HPLC.		
UniProt ID:	P01112		
Gene ID:	3265		
Source:	<i>E. coli</i>		
Molecular Weight:	21.3 kDa (189 amino acids)		
Formulation:	25 mM HEPES, 40 mM NaCl, 3 mM DTT, 2 mM MgCl ₂ , 0.01 mM GDP, pH 7.2		
Purity:	> 90% by SDS-PAGE		
Activity:	GTP gamma S binding: >750 mmol/mol.		
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.

