

HRAS

Recombinant Human GTPase HRas Δ C S17N mutation

Catalog No.	CSI11661	Quantity:	50 μ g
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-, KRas4A, and K-Ras4B). H-Ras Δ C (aa 1 - 171) lacks the C-terminus with the CaaX recognition sequence necessary for anchoring Ras into the plasma membrane. The mutation S17N results in a 40-fold increase in the affinity for GTP without affecting its affinity for GDP. Protein preparation is 95% GDP- and 5% GTP-loaded, measured by HPLC.		
UniProt ID:	P01112		
Gene ID:	3265		
Molecular Weight:	19.5 kDa (171 amino acids)		
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.

