

Recombinant Human K-RAS4B

Catalog No.	CSI14763	Quantity:	50 µg
Alternate Names:	KRAS, NS3, RASK2		
Description:	Recombinant human KRAS containing 188 amino acids. 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. KRAS, one of three classic human Ras genes, is spliced to two different isoforms, K-RAS4A and K-RAS4B. K-RAS4B is the predominant product of the alternative splicing pathway and the Ras protein encoded by the commonly mutated Ras gene in human cancer. Protein preparation is 100% GDP-loaded, measured by HPLC.		
Gene ID:	3845		
Source:	<i>E. coli</i>		
Molecular Weight:	21.4 kDa		
Formulation:	Liquid in 64 mM Tris-HCl, pH 7.2 + 10 mM MgCl ₂ + 5 mM DTE		
Purity:	> 95% as determined by SDS-PAGE analysis		
Storage & Stability:	Stable for 1 year in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

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

