

## Recombinant Human K-RAS4B

<b>Catalog No.</b>	CSI14763	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	KRAS, NS3, RASK2		
<b>Description:</b>	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.		
<b>Gene ID:</b>	3845		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	21.4 kDa		
<b>Formulation:</b>	Liquid in 64 mM Tris-HCl, pH 7.2 + 10 mM MgCl <sub>2</sub> + 5 mM DTE		
<b>Purity:</b>	> 95% as determined by SDS-PAGE analysis		
<b>Storage &amp; Stability:</b>	Stable for 1 year in working aliquots at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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



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