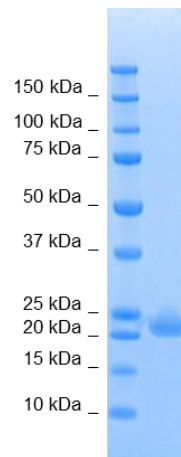


# Human K-RAS (G12C)

<b>KRAS(G12C) recombinant protein</b>	
<b>Human K-RAS (Uniprot accession number P01116-2 (1-169)) G12C mutant</b>	
<b>Product Description</b>	Recombinant human K-RAS (1-169 sequence – G12C mutant) was expressed in <i>E. coli</i> with polyHis purification tag and purified using proprietary method including affinity chromatography.
<b>Protein sequence</b>	MSGSHHHHHHSSGIEGRMTEYKLVVVGACGVGKSALTIQLIQNHVFDEYDPTI EDSYRKQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVFAINNTKS FEDIHHYREQIKRVKDSVDVPMVLVGNKCDLPSRTVDTKQAQDLARSYGIPFIE TSAKTRQGVDDAFYTLVREIRKHKEK
<b>Predicted Molecular Mass</b>	21.16 kDa
<b>Expression system</b>	<i>E. coli</i>
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE analysis.
<b>Labelling</b>	No isotopic labelling.
<b>Tag information</b>	PolyHis tag at the N-terminus.
<b>Protein Content</b>	Quantitation is carried out by BCA protein assay.
<b>Formulation</b>	Lyophilized from 20 mM HEPES, pH7.5, 150 mM NaCl and 1 mM DTT buffer. Reconstitute by adding ultrapure H <sub>2</sub> O.
<b>Shipping and storage</b>	The product is supplied as a lyophilized powder and shipped at room temperature. Store at -80°C upon receipt. After reconstitution, protein can be kept at 4°C for a few weeks. Avoid repeated freeze/thaw cycles.
<b>Usage</b>	The product is for research use only. Not for diagnostic or therapeutic use.



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