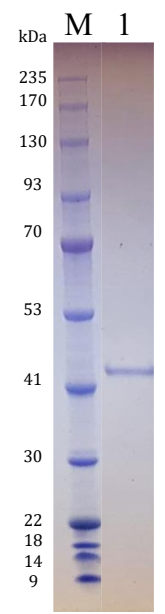


<b>Product Name</b>	Recombinant Human Kras Wild-Type (WT), GST-Tag, GDP loaded	<p>SDS-PAGE gel</p>  <p>kDa M 1</p> <p>235 170 130 93 70 53 41 30 22 18 14 9</p> <p>M – MW Marker 1 – GST-Kras WT</p>
<b>Synonym(s)</b>	KRAS2, RASK2, C-K-RAS, CFC2, KRAS proto-oncogene	
<b>Quantity</b>	50 µg, 100 µg	
<b>GenBank #</b>	NM_004985.5	
<b>UniProt #</b>	P01116	
<b>Amino Acids</b>	a. a. 1-169	
<b>Molecular weight</b>	45.94 kDa	
<b>Purity</b>	>95% by SDS-PAGE	
<b>Tag</b>	N-GST Tagged	
<b>Expression Source</b>	E. coli	
<b>Application</b>	Inhibitor Screening, binding assays, GDP/GTP nucleotide exchange reaction.	
<b>Formulation</b>	20 mM HEPES pH 7.5, 50 mM NaCl, 1 mM DTT, 10% glycerol	
<b>Storage and Stability</b>	Stable for at least 6 months at -80°C, Avoid freeze/thaw cycles	
<b>Description</b>	Kras is a member of the RAS protein family, which are a class of small GTPases involved in cell signaling. Plays a role in promoting oncogenic events by inducing transcriptional silencing of tumor suppressor genes (TSGs) in colorectal cancer (CRC) cells in a ZNF304-dependent manner	
<b>Reference</b>	<p>Roman C. Hillig, et al. PNAS. 2019, vol. 116, no. 7, 2551–2560</p> <p>Kari Kopra, et al. Anal. Chem. 2020, 92, 4971–4979</p> <p>Fernández-Medarde A., et al. Genes (Basel). 2021;12(5):681.</p>	

## Related products:

Kras Wild Type (WT), GST-tag	5727-4121G
Kras WT, GST-tag, GDP Loaded	5727-WTG-G
Kras WT, GST tag, GppNHp loaded	5727-WTG-GP
Kras G12C, GST-tag	5727-4122G
Kras G12C, GST-tag, GDP Loaded	5727-4122G -G
Kras G12C, GST tag, GppNHp loaded	5727-4122G -GP

Kras G12D, GST-tag,	5727-4123G
Kras G12D, GST-tag, GDP Loaded	5727-4123G -G
Kras G12D, GST tag, GppNHp loaded	5727-4123G -GP
Kras G12R, GST-tag,	5727-4127G
Kras G12R, GST-tag, GDP Loaded	5727-4127G -G
Kras G12R, GST tag, GppNHp loaded	5727-4127G -GP
Kras G12V, GST-tag,	5727-4128G
Kras G12V, GST-tag, GDP Loaded	5727-4128G -G
Kras G12V, GST tag, GppNHp loaded	5727-4128G -GP
Kras G12C, His-tag	5727-4122H-50 5727-4122H-100
Human RBD-RAF1, N-His tag, C-FLAG tag	7237231-100
Avi-His -SOS1	7671-100

This product is for research use only and not for diagnostic or therapeutic use.