

Recombinant Full Length Human KSR2 Protein, GST-tagged

Cat. No. KSR2-5839HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human KSR2 full-length ORF (NP_775869.2, 1 a.a. - 829 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	829 amino acids
Description	KSR2 (Kinase Suppressor Of Ras 2) is a Protein Coding gene. Among its related pathways are MAPK-Erk Pathway and RET signaling. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is KSR1.
Molecular Mass	120 kDa
AA Sequence	<p>MTDEQVCETVEKYGANREECARLNASLSCLRNVHMSGGNLSKQDWTIQWPTTETG KENNPVCPPEPTPWIRTHLSQSPRVPSKCVQHYCHTSPTPGAPVYTHVDRLTVDAY PGLCPPPPLESQHRSRPPSPRQRHAVRTPPRTPNIVTTVTPPGTTPMRKKNKLP GTPPPSSRKLHLIPGFTALHRSKSHEFQLGHRVDEAHTPKAKKKSPLNLKIHSSVG SCENIPSQQRSPLLSERSLRSFFVGHAPFLPSTPPVHTEANFSANTLSVPRWSPQIP RRDLGNSIKHRFSTKYWMSQTCTVCGKGMFLGKCKNCKLKCHNKCTKEAPPCHL LIHRGDPARLVRTESVPCDINNPLRKPPRYSDLHISQTLPKTNKINKDHIPVPYQPDS SSNPSSTTSSTPSSPAPPLPPSATPPSPLHPSPQCTRQQKNFNLPASHYYKYKQQFI FPDVVPVPETPTRAPQVILHPVTSNPILGNPLLQIEVEPTSENEEVHDEAESEDDF</p>

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EEMNLSLLSARSFPRKASQTSIFLQEWDPFEQLEIGELIGKGRFGQVYHGRWHGEV
 AIRLIDIERDNEDQLKAFKREVMAYRQTRHENVVLFMGACMSPPHLAITS LCKGRTL
 YSVVRDAKIVLDV NKTRQIAQEIVKGMGYLHAKGILHKDLKSKNVFYDNGKVVITDFG
 LFSISGVLQAGRREDKLRIQNGWLC HLAPEIIRQLSPDTEEDKLPFSKHSDVFALGTI
 WYELHAREWPFKTQPAEAIWQMGTGMKPNLSQIGMGKEISDILLFCWAFEQEERP
 TFTKLM DMLEKLPKRNRRLSHPGHFWKSAEL

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	KSR2 kinase suppressor of ras 2 [Homo sapiens]
Official Symbol	KSR2
Synonyms	KSR2; kinase suppressor of ras 2; kinase suppressor of Ras 2; FLJ25965;
Gene ID	283455
mRNA Refseq	NM_173598
Protein Refseq	NP_775869

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MIM	610737
UniProt ID	Q6VAB6

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