

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
ProteinLength	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	MTDEQVCETVEKYGANREECARLNASLSCLRNVHMSGGNLSKQDWTIQWPTTETG KENNPVCPPEPTPWIRTHLSQSPRVPSKCVQHYCHTSPTPGAPVYTHVDRLTVDAY PGLCPPPPLES GHRSLPPSPRQRHAVRTPPRTPNIVTTVTPPGTPPMRKKNKLKPP GTPPPSSRKLIHLIPGFTALHRSKSHEFQLGHRVDEAHTPKAKKKSKPLNLKIHSSVG SCENIPSQQRSPLLSERSLSFFVGHAPFLPSTPPVHTEANFSANTLSVPRWSPQIP RRDLGNSIKHRFSTKYWMSQTCTVCGKGMLFGLKCKNCKLKCHNKCTKEAPPCHL LIHRGDPARLVRTESVPCDINNPLRKPPRYSDLHISQTLPKTNKINKDHIPVPYQPDS SSNPSTTSSTPSSPAPPLPPSATPPSPLHPSPQCTRQQKNFNLPAHYKYKQQFI FPDVVPVPETPTRAPQVILHPVTSNPILEGNPLLQIEVEPTSENEEVHDEAESEDDF

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EEMNLSLLSARSFPRKASQTSIFLQEWDPFEQLEIGELIGKGRFGQVYHGRWHGEV
 AIRLIDIERDNEDQLKAFKREVMAYRQTRHENVVLFMGACMSPPHLAIITSLCKGRTL
 YSVVRDAKIVLDVNKTRQIAQEIVKGMGYLHAKGILHKDLKSKNVFYDNGKVVITDFG
 LFSISGVLQAGRREDKLRIQNGWLCHLAPEIIRQLSPDTEEDKLPFSKHSDVFALGTI
 WYELHAREWPFKTQPAEAIWQMGTGMKPNLSQIGMGKEISDILLFCWAFEQEERP
 TFTKLMDMLEKLPRNRRLSHPGHFWKSAEL

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
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UniProt ID	Q6VAB6
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