

Recombinant Full Length Human CRK Protein, GST-tagged

Cat. No. CRK-2067HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRK full-length ORF (NP_005197.3, 1 a.a. - 204 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	204 amino acids
Description	This gene encodes a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. The product of this gene has several SH2 and SH3 domains (src-homology domains) and is involved in several signaling pathways, recruiting cytoplasmic proteins in the vicinity of tyrosine kinase through SH2-phosphotyrosine interaction. The N-terminal SH2 domain of this protein functions as a positive regulator of transformation whereas the C-terminal SH3 domain functions as a negative regulator of transformation. Two alternative transcripts encoding different isoforms with distinct biological activity have been described. [provided by RefSeq, Jul 2008]
Molecular Mass	49.3 kDa
AA Sequence	MAGNFDSEERSSWYWGRLSRQEAVALLQGQRHGVFLVRDSSTSPGDYVLSVSEN SRVSHYIINSSGPRPPVPPSPAQPPPGVSPSRLRIGDQEFDSLPALEFYKIHYLDTT TLIEPVSRSRQGS GVILRQEEAEYVRALFDFNGNDEEDLPFKKGDILRIRDKPEEQW WNAEDSEGKRGMI PVPYVEKYRPASASVSALIGGR

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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	CRK CRK proto-oncogene, adaptor protein [Homo sapiens (human)]
Official Symbol	CRK
Synonyms	CRK; CRK CRK proto-oncogene, adaptor protein; v-crk sarcoma virus CT10 oncogene homolog (avian); v crk avian sarcoma virus CT10 oncogene homolog; adapter molecule crk; proto-oncogene c-Crk; p38; CRKII; FLJ38130
Gene ID	1398
mRNA Refseq	NM_005206
Protein Refseq	NP_005197
MIM	164762
UniProt ID	P46108

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