

Recombinant Human CRK 293 Cell Lysate

Cat. No. CRK-7277HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description Antigen standard for v-crk sarcoma virus CT10 oncogene homolog (avian) (CRK), transcript variant I is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.

Components This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).

Size 0.1 mg

Storage Instruction Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

CRK v-crk sarcoma virus CT10 oncogene homolog (avian) [Homo sapiens]

Official Symbol

CRK

Synonyms

CRK; 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

**Chromosome
Location**

17p13

Pathway

ARMS-mediated activation, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; CXCR4-

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mediated signaling events, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem;

Function

SH2 domain binding; SH3/SH2 adaptor activity; ephrin receptor binding; protein binding; protein phosphorylated amino acid binding;

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