

Recombinant Human CRK 293 Cell Lysate

Cat. No. CRK-7276HCL **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 II 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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_016823

Protein Refseq NP_058431

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-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA