

## Recombinant Human CRKL cell lysate

**Cat. No.** CRKL-403HCL    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                       |                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>    | This gene encodes a protein kinase containing SH2 and SH3 (src homology) domains which has been shown to activate the RAS and JUN kinase signaling pathways and transform fibroblasts in a RAS-dependent fashion. It is a substrate of the BCR-ABL tyrosine kinase, plays a role in fibroblast transformation by BCR-ABL, and may be oncogenic |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                                                                                                      |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                                                                                                                                                  |

### GENE INFORMATION

|                        |                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CRKL v-crk sarcoma virus CT10 oncogene homolog (avian)-like [ Homo sapiens ]                                                          |
| <b>Official Symbol</b> | CRKL                                                                                                                                  |
| <b>Synonyms</b>        | CRKL; v-crk sarcoma virus CT10 oncogene homolog (avian)-like; v crk avian sarcoma virus CT10 oncogene homolog like; crk-like protein; |

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|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 1399                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>         | NM_005207                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>      | NP_005198                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>                 | 602007                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>          | P46109                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Chromosome Location</b> | 22q11.21                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Pathway</b>             | B Cell Receptor Signaling Pathway, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; |
| <b>Function</b>            | SH3/SH2 adaptor activity; protein binding; signal transducer activity;                                                                                                                                                                                                                                                                                                                                              |