

## Product datasheet for **AR09797PU-N**

### CRKL (1-303, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CRKL (1-303, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u><a href="#">MGSSHHHHHH SGLVPRGSH</a></u> MSSARFDSSD RSAWYMGVPS RQEAQTRLQG QRHGMLVLRD SSTCPGDYVL SVSENSRVSH YIINSLPNRR FKIGDQEFDH LPALLEFYKI HYLDTTTTLIE PAPRYSPPPM GSVSAPNLPT AEDNLEYVRT LYDFPGNDAE DLPFKKGEIL VIEKPEEQW WSARNKDGRV GMIPVPYVEK LVRSSPHGKH GNRNSNSYGI PEPAHAYAQP QTTTLPPLAVS GSPGAAITPL PSTQNGPVFA KAIQKRVPCA YDKTALALEV GDIVKVTRMN INGQWEDEVN GRKGLFPFTH VKIFDPQNP D ENE
Tag:	His-tag
Predicted MW:	35.9 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CRKL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u><a href="#">NP_005198</a></u>
Locus ID:	1399
UniProt ID:	<u><a href="#">P46109</a></u>
Cytogenetics:	22q11.21



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**Summary:** 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.[provided by RefSeq, Jan 2009]

**Protein Families:** Druggable Genome

**Protein Pathways:** Chemokine signaling pathway, Chronic myeloid leukemia, ErbB signaling pathway, Fc gamma R-mediated phagocytosis, Focal adhesion, Insulin signaling pathway, MAPK signaling pathway, Neurotrophin signaling pathway, Pathways in cancer, Regulation of actin cytoskeleton, Renal cell carcinoma

**Product images:**

