

**CRKL, 1-303aa, Human, His tag, E.coli**

**Cat.NO.: TP01714**

3th Edition

**Synonyms:**Crk-like protein

**Description:**CRKL is 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 substitute of the BCR-ABL tyrosine kinase, plays a role in fibroblast transformation by BCR-ABL, and has oncogenic potential.

**Form:**Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.

**Molecular Weight:**35.9 kDa (323aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMSSARFDSSDRSAWYMGPVSRQEAQTRLQGQRHGMFLVRDSSTCPGDYVLSV  
SENSRVSHYIINSLPNRRFKIGDQEFDHLPALLEFYKIHLYLDTTTLIEPAPRYPSPPMGSVSAPNLPTAEDNLEYVRTL  
YDFPGNDAEDLPFKKGEILVIIKPEEQWWSARNKDGRVGMIPVPYVEKLVRSSPHGKHGHRNSNSYGIPEPAHAY  
AQPQTTTLPVAVSGSPGAAITPLPSTQNGPVFAKAIQKRVPCAYDKTALALEVGDIVKVTRMNINGQWEGEVNGRK  
GLFPFTHVKIFDPQNPDENE

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.