
Product Data Sheet

Product Name: CRKL Human
 Cat. No.: GP23228
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Crk-like protein; CRKL.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSSARFDSSD RSAWYMGVPS RQEAQTRLQG QRHGMFLVRDSSTCPGDYVL SVSENSRVSH YIINSLPNRR FKIGDQEFDH LPALLEFYKI HYLDTTTTLIE PAPRYPSPPM GSVSAPNLPT AEDNLEYVRT LYDFPGNDAE DLPFKKGEIL VIIKPEEQW WSARNKDGRV GMIPVPYVEK LVRSSPHGKH GNRNSNSYGI PEPAHAYAQP QTTTLP PAVS GSPGAAITPL PSTQNGPVFA KAIQKRVPCA YDKTALALEV GDIVKVTRMN INGQWEGEVN GRKGLFPFTH VKIFDPQNP D ENE.		
Formulation	The CRKL solution (1 mg/ml) 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.		

Introduction

Crk-like protein (CRKL) is a protein kinase containing SH2 and SH3 (src homology) domains which activates the RAS and JUN kinase signaling pathways and transforms fibroblasts in a RAS-dependent manner. CRKL is a substitute of the BCR-ABL tyrosine kinase, it also has a role in fibroblast transformation by BCR-ABL, and has oncogenic potential.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CRKL Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 323 amino acids (1-303

Caution: Product has not been fully validated for medical applications. For research use only.

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a.a.) and having a molecular mass of 35.9kDa (Molecular size on SDS-PAGE will appear higher). The CRKL is purified by proprietary chromatographic techniques.

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