

32-3600: CRKL Recombinant Protein

Alternative Name : Crk-like protein,CRKL.

Description

Source : Escherichia Coli. 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 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The CRKL solution (1 mg/ml) 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSSARFDSSD RSAWYMGVPS RQEAQTRLQG QRHGMFLVRDSSTCPGDYVL SVSENSRVSH YIINSLPNRR FKIGDQEFDH LPALLEFYKI HYLDTTTLIE PAPRYSPPM GSVSAPNLPT AEDNLEYVRT LYDFPGND AE DLPFKKGEIL VIIKP EEQW WSARNKDGRV GMIPVPYVEK LVRSSPHGKH GNRNSNSYGI PEP AHAYAQP QTTTLP LPAVS GSPGAAITPL PSTQNGPVFA KAIQKRVPCA YDKTALALEV GDIVKVTRMN INGQWEGEVN GRKGLFPFTH VKIFDPQNP D ENE.

