Recombinant human CRKL protein

Catalog Number: ATGP0857

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-303aa

UniProt No.
P46109

NCBI Accession No.
NP_005198.1

Alternative Names
CRK like proto-oncogene, Adaptor protein, V-crk avian sarcoma virus CT10 oncogene homolog-like

PRODUCT SPECIFICATION

Molecular Weight
35.9 kDa (323aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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 substitutete of the BCR-ABL tyrosine kinase, plays a role in fibroblast transformation by BCR-ABL, and has oncogenic potential. Recombinant human CRKL protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

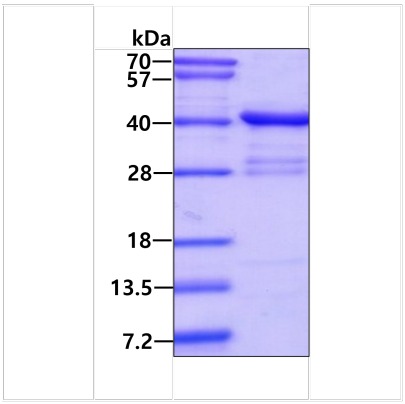
<MGSSHHHHHH SSGLVPRGSH> MSSARFDSSD RSAWYMGPVS RQEAQTRLQG QRHGMFLVRD SSTCPGDYVL SVSENSRVSH YIINSLPNRR FKIGDQEFDH LPALLEFYKI HYLDTTTLIE PAPRYPSPPM GSVSAPNLPT AEDNLEYVRT LYDFPGNDAE DLPFKKGEIL VIIEKPEEQW WSARNKDGRV GMIPVPYVEK LVRSSPHGKH GNRNSNSYGI PEPAHAYAQP QTTTPLPAVS GSPGAAITPL PSTQNGPVFA KAIQKRVPCA YDKTALALEV GDIVKVTRMN INGQWEGEVN GRKGLFPFTH VKIFDPQNPD ENE

General References

Arai A., et al. (2001) J Biol Chem. 276(35):33282-90.
Senechal K., et al. (1996) J Biol Chem. 271(38):23255-61.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.