Datasheet for ABIN6386629

Crk Protein (AA 1-204) (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	Crk (CRK)
Protein Characteristics:	AA 1-204
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Crk protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	CRK, 1-204aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	Crk (CRK)
Alternative Name:	CRK (CRK Products)
Background:	CRK is a member of signaling adapter protein family that binds to several tyrosine-phosphorylated proteins. This protein is involved in many cellular processes including apoptosis, proliferation, and differentiation. It has a modular domain architecture consisting of an SH2 followed by two SH3 domains (src-homology domains). The N-terminal SH2 domain of this protein functions as a positive regulator of transformation whereas the C-terminal SH3

Target Details

	domain functions as a negative regulator of transformation. Recombinant human CRK protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: Adapter molecule crk, Proto-oncogene c-Crk, p38, CRKII. NCBI no.: NP_005197
Molecular Weight:	25.0 kDa (224aa), confirmed by MALDI-TOF
Pathways:	Neurotrophin Signaling Pathway, CXCR4-mediated Signaling Events, Signaling of Hepatocyte Growth Factor Receptor

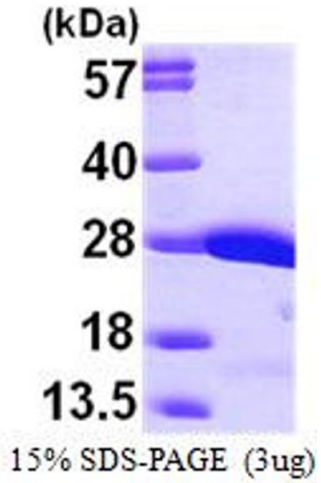
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol
Storage:	4 °C

Images



SDS-PAGE

Image 1.