9051 Mira Mesa Blvd, #910094
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CRK Human

V-crk Sarcoma Virus CT10 Oncogene Human Recombinant
RCP0529

Product Overview

Name	CRK Human
Description	
V-crk Sarcoma Virus CT10 Oncogene Human Recombinant	
Accession (Primary)	P46108
Synonyms	
Adapter molecule crk, Proto-oncogene c-Crk, p38, CRK, CRKII.	
Introduction	
CRK belongs to the signaling adapter protein family which binds to several tyrosine-phosphorylated proteins. CRK is involved in many cellular processes such as apoptosis, proliferation, and differentiation. CRK has a modular domain architecture consisting of an SH2 followed by two SH3 domains (src-homology domains). The N-terminal SH2 domain of the CRK protein functions as a positive regulator of transformation whereas the C-terminal SH3 domain functions as a negative regulator of transformation.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The CRK solution (0.5 mg/ml) contains 20mM Tris-HCl Buffer (pH 8.0) and 10% Glycerol.	
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). Please prevent freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MAGNFDSEER SSWYWGRLSR QEAVALLQGQ RHGVFLVRDS STSPGDYVLS VSENSRVSHY IINSSGPRPP VPPSPAQPPP GVSPSRLRIG DQEFDSLPAL LEFYKIHYLD TTTLIEPVSR SRQGSGVILR QEEAEYVRAL FDFNGNDEED LPFKKGDILR IRDKPEEQWW NAEDSEGKRG MIPVPYVEKY RPASASVSAL IGGR.	

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Precautions

CRK Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P46108)