

Product datasheet for PH308129

CRKL (NM_005207) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CRKL MS Standard C13 and N15-labeled recombinant protein (NP_005198)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208129
Predicted MW:	33.6 kDa
Protein Sequence:	>RC208129 representing NM_005207 Red=Cloning site Green=Tags(s) MSSARFDSSDRSAWYMGPVSRQEAQTRLQGQRHGMFLVRDSSSTCPGDYVLSVSENSRVSHYIINSLPNRR FKIGDQEFDHLPALLEFYKIHLYLDTTLLIEPAPRYSPPMGSVSAPNLPTAEDNLEYVRTLYDFPGNDAE DLPFKKGEILVIEKPEEQWWSARNKDGRVGMIPVYVEKLVRSPPHGKHGMRNSNSYGIPEPAHAYAQP QTTTLPVAVSGSPGAAITPLPSTQNGPVFAKAIQKRVPCAYDKTALALEVGDIVKVTMRNINGQWEGEVN GRKGLFPFTHVKIFDPQNPDENE TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005198
RefSeq Size:	5235
RefSeq ORF:	909
Locus ID:	1399
UniProt ID:	P46109



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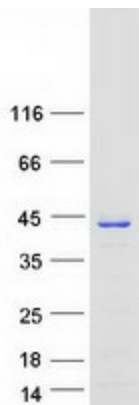
Cytogenetics: 22q11.21

Summary: This gene encodes 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 substrate of the BCR-ABL tyrosine kinase, plays a role in fibroblast transformation by BCR-ABL, and may be oncogenic.[provided by RefSeq, Jan 2009]

Protein Families: Druggable Genome

Protein Pathways: Chemokine signaling pathway, Chronic myeloid leukemia, ErbB signaling pathway, Fc gamma R-mediated phagocytosis, Focal adhesion, Insulin signaling pathway, MAPK signaling pathway, Neurotrophin signaling pathway, Pathways in cancer, Regulation of actin cytoskeleton, Renal cell carcinoma

Product images:



Coomassie blue staining of purified CRKL protein (Cat# [TP308129]). The protein was produced from HEK293T cells transfected with CRKL cDNA clone (Cat# [RC208129]) using MegaTran 2.0 (Cat# [TT210002]).