

Product datasheet for TP504260

Crk (NM_133656) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse v-crk avian sarcoma virus CT10 oncogene homolog (Crk), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR204260 protein sequence
 Red=Cloning site Green=Tags(s)

MAGNFDSEERSSWYWGRLSRQEAVALLQGQRHGVFLVRDSSSTSPGDYVLSVSENSRVSHYIINSSGPRPP
 VPPSPAQPPPGVSPSRLRIGDQEFDSLALLEFYKIHLYLDTTTLIEPVARSRQSGVILRQGEAEYVRAL
 FDFNGNDEEDLPFKKGDMLRIRDKPEEQWWNAEDSEGKRGMIIPVYVEKYRQASASVSALIGGNQEGSHP
 QPLGGPEPGPYAQPSVNTPLPNLQNGPIYARVIQKRVPNAYDKTALALEVGELVKVTKINVSGQWEGECN
 GKRGHFPFTHVRLLDQQNPDEDFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 33.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_598417](#)

Locus ID: 12928

UniProt ID: [Q64010](#), [Q5ND51](#)



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RefSeq Size: 6005

Cytogenetics: 11 45.92 cM

RefSeq ORF: 915

Synonyms: c-Crk; Cr; Crk-I; Crk-II; Crk-III; Crk3; CrkIII; Crko; p38

Summary: This gene is part of a family of adapter proteins that mediate formation of signal transduction complexes in response to extracellular stimuli, such as growth and differentiation factors. Protein-protein interactions occur through the SH2 domain, which binds phosphorylated tyrosine residues, and the SH3 domain, which binds proline-rich peptide motifs. These interactions promote recruitment and activation of effector proteins to regulate cell migration, adhesion, and proliferation. In mouse this protein is essential for embryonic development. Alternatively spliced transcripts encoding different isoforms with distinct biological activity have been described. [provided by RefSeq, Mar 2013]