

**CRK, 1-204aa, Human, His tag, E.coli**

**Cat.NO.: TP01713**

3th Edition

**Synonyms:**Adapter molecule crk, Proto-oncogene c-Crk, p38, CRKII

**Description:**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).

**Form:**Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol

**Molecular Weight:**25.0 kDa (224aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMAGNFDSEERSSWYWGRLSRQEAVALLQGQRHGVFLVRDSSTSPGDYVLSVSE  
NSRVSHYIINSSGPRPPVPPSPAQPPPGVSPSRLRIGDQEFDSLPALEFYKIHLYDTTTTLIEPVSRSRQGSGVILRQ  
EEAEYVRALFDFNGNDEEDLPFKKGDILRIRDKPEEQWWNAEDSEGKRGMIIPVPYVEKYRPASASVSALIGGR

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.