

Datasheet for ABIN5713102

c-Rel Protein (AA 3-616, partial) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	c-Rel
Protein Characteristics:	partial, AA 3-616
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This c-Rel protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	SGAYNPYIEI IEQPRQGM R FRYKCEGRSA GSIPGEHSTD NNRTYPSIQI MNYYGKGKVR ITLVTKNDPY KPHPHDLVGK DCRDGYEAE FGQERRPLFF QNLGIRCVKK KEVKEAIITR IKAGINPFNV PEKQLNDIED CDLNVVRLCF QVFLPDEHGN LTTALPPVVS NPIYDNRAPN TAELRICRVN KNCGSVRGGD EIFLLCDKVQ KDDIEVRFVL NDWEAKGIFS QADVHRQVAI VFKTPPYCKA ITEPVTVKMQ LRRPSDQEV S ESMDFRYLPD EKDTYGNKAK KQKTTLLFQK LCQDHVETGF RHVDQDGLLE LTSGDPPTLA SQSAGITVNF PERPRPGLLG SIGEGRYFKK EPNLFSDHAV VREMP TGVSS QAESYYPSPG PISSGLSHHA SMAPLPSSSW SSVAHPTPRS GNTNPLSSFS TRTLPSNSQG IPPFLRIPVG NDLNASNACI YNNADDIVGM EASSMPSADL YGISDPNMLS NCSVNMMTTS SDSMGETDNP RLLSMNLENP SCNSVLDP RD LRQLHQMS S SMSAGANSNT TVFVSQSDAF EGSD FSCADN SMINESGPSN STNPNSHG FV QDSQYSGIGS MQNEQLSDSF PYEF
Purification:	SDS-PAGE

Product Details

Purity: > 90 %

Target Details

Target: c-Rel

Alternative Name: REL ([c-Rel Products](#))

Background: Proto-oncogene that may play a role in differentiation and lymphopoiesis. NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively. NF-kappa-B is controlled by various mechanisms of post-translational modification and subcellular compartmentalization as well as by interactions with other cofactors or corepressors. NF-kappa-B complexes are held in the cytoplasm in an inactive state complexed with members of the NF-kappa-B inhibitor (I-kappa-B) family. In a conventional activation pathway, I-kappa-B is phosphorylated by I-kappa-B kinases (IKKs) in response to different activators, subsequently degraded thus liberating the active NF-kappa-B complex which translocates to the nucleus. The NF-kappa-B heterodimer RELA/p65-c-Rel is a transcriptional activator.

Molecular Weight: 72 kDa

UniProt: [Q04864](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

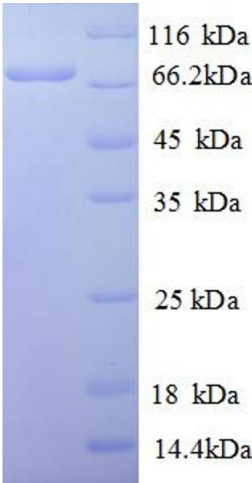
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Handling

Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.