

Datasheet for ABIN7554743

NFRKB Protein (AA 1-1299) (His tag)



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Overview

Quantity:	1 mg
Target:	NFRKB
Protein Characteristics:	AA 1-1299
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NFRKB protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat NFRKB Protein expressed in mammalian cells.
Sequence:	MDSL DHMLTD PLELGPCGDG HGTRIMEDCL LGGTRVSLPE DLLEDPEIFF DVVSLSTWQE VLSDSQREHL QQFLPQFPED SAEQQNELIL ALFSGENFRF GNPLHIAQKL FRDGHFNPEV VKYRQLCFKS QYKRYLNSQQ QYFHRLLKQI LASRDLLEM ARRSGPALPF RQKRPSPSRT PEEREWRTQQ RYLKVLREVK EECGDTALSS DEEDLSSWLP SSPARSPSPA VPLRVVPTLS TTDMKTADKV ELGDSDLKIM LKKHHEKRKH QPDHPDLLTG DLTLDNDIMTR VNAGRKGSLA ALYDLAVLKK KVKEKEEKKK KKIKTIKSEA EDLAEPLSST EGVAPLSQAP SPLAIPAIKE EPLEDLKPCL GINEISSSFF SLLLEILLLE SQASLPMLEE RVLDWQSSPA SSLNSWFSA PNWAEVLPA LQYLAGE SRA VPSSFSPFVE FKEKTQQWKL LGQSQDNEKE LAALFQLWLE TKDQAFCKQE NEDSSDATTP VPRVRTDYVV RPSTGEEKRV FQEERYRYS QPHKAFTFRM HGFESVVG PV KGVFDKETSL NKAREHSLLR SDRPAYVTIL SLVRDAAARL PNGEGTRAEI CELLKDSQFL APDVTSTQVN TVVSGALDRL HYEKDPCKY DIGRKLWIYL HRDRSEEEFE

RIHQAQAAAA KARKALQQKP KPPSKVKSSS KESSIKVLSS GPSEQSQMSL SDSSMPPTPV
TPVTPTTPAL PAIPISPPPV SAVNKSGPST VSEPAKSSSG VLLVSSPTMP HLGTMMLSPAS
SQTAPSSQAA ARVVSHSGSA GLSQVRVVAQ PSLPAVPQQS GGPAQTL PQM PAGPQIRVPA
TATQTKVVPQ TVMATVPVKA QTTAATVQRP GPGQTGLTVT SLPATASPVVS KPATSSPGTS
APSASTAAVI QNVTGQNIK QVAITGQLGV KPQTGNSIPL TATNFRIQ GK DVLRLPPSSI
TTDAKGQTVL RITPDMMATL AKSQVTTVKL TQDLFGTG GN TTGKGISATL HVTSNPVHAA
DSPAKASSAS APSSTPTGTT VVKVTPDLKP TEASSSAFRL MPALGVSVAD QK GKSTVASS
EAKPAATIRI VQGLGVMPPK AGQTITVATH AKQGASVASG SGTVHTSAVS LPSMNAAVSK
TVAVASGAAS TPISISTGAP TVRQVPVSTT VVSTSQAGKL PTRITVPLSV ISQPMKGKSV
VTAPIIKGNL GANLSGLGRN IILTTPAGT KLIAGNKPVS FLTAQQLQQL QQQGQATQVR
IQTVPASHLQ QGTASGSSKA VSTVVVTTAP SPKQAPEQQ **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	NFRKB
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Target Details

Alternative Name:	NFRKB (NFRKB Products)
Background:	Nuclear factor related to kappa-B-binding protein (DNA-binding protein R kappa-B) (INO80 complex subunit G),FUNCTION: Binds to the DNA consensus sequence 5'-GGGGAATCTCC-3'. {ECO:0000269 PubMed:18922472}., FUNCTION: Putative regulatory component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair. Modulates the deubiquitinase activity of UCHL5 in the INO80 complex. {ECO:0000269 PubMed:18922472}.
Molecular Weight:	139.0 kDa
UniProt:	Q6P4R8

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months