

Product datasheet for SC309921

NFRKB (NM_006165) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NFRKB (NM_006165) Human Untagged Clone
Tag:	Tag Free
Symbol:	NFRKB
Synonyms:	INO80G
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309921 representing NM_006165. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCATGCTTTTGTCCAGAGTACCTGTGGAGAAGAAACAATGGATTCTTAGACCATATGCTGACAGAT
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AAAGATCAGGCCTTCTGT AAGCAAGAAAATGAAGACAGCTCAGATGCCACAACACCTGTCCCTCGGGTA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
    
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Restriction Sites:

SgfI-MluI

Plasmid Map:

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ACCN:

NM_006165

Insert Size:

3975 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_006165.3
RefSeq Size:	5063 bp
RefSeq ORF:	3975 bp
Locus ID:	4798
UniProt ID:	Q6P4R8
Cytogenetics:	11q24.3
Protein Families:	Transcription Factors
MW:	141.9 kDa
Gene Summary:	Binds to the DNA consensus sequence 5'-GGGGAATCTCC-3'. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) represents use of an alternate promoter, differs in the 5' UTR and 5' coding region, and uses an alternate in-frame splice site in the central coding region, compared to variant 1. The resulting isoform (2) has a longer N-terminus and includes an additional internal segment, compared to isoform 1.