

## Product datasheet for **MC209028**

### Nfkbil1 (NM\_010909) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nfkbil1 (NM\_010909) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nfkbil1  
**Synonyms:** Def-7; IKBL  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209028 representing NM\_010909  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGTAAACCCTCCCCCAGGCCCCAGAGGAAGAAGCCTCTACGTCTGTCTGTCCGCCCCAGAGTTGTT  
 CCATGGCCTCCGTTCCCGCCGGCACCCGCGAGAGCGACGCTTCCGGCGTACTTGTCTGCAGGACGGCT  
 GGTGCGAGCCAGGCTCTCTCCAGCGACATCCCGGGCTTGATGTGGACGCTGGGACGCCCCGCTCTC  
 CACAGGGCTGCGCCCGCCACGATGCCCTGCCCTGTGCCTGCTGCTGCTCTCGGCGCTGACCCTGCC  
 ACCAGGACCGCCATGGCGACACGGCGCTGCACGCTGCTGCCCGCCAGGGCCCTGATGCTTACACGGACTT  
 CTTCTGCCGCTGCTGAGTCGTTGCCCATCTGCCATGGGGATAAAAAATAAGGATGGGGAGACTCCTGGG  
 CAGATTCTGGGCTGGGGACCCCCCTGGGATTCTGCCGAAGAGGAAGAAGATGAGGAAGTTTCAAGGAGC  
 GGAATGGCGGCAGAAGCTACAAGGCGAGCTGGAGGATGAGTGGCAGGAGGTATCGGGAGGTTTGAAGA  
 TGATGCCTCCCGGGACACGCAGGAGCCCGAGTCTTCTCAGCCTGGTCAGAGCGCCTGGCTCGGGAGCAT  
 GCCCAGAAGCAGCGGCAGCAGCTGGAGGCAGAGGGATCCTGCCACCTCCAAGGGCTGAGGGCTCCAGTC  
 ACAGCTGGCGACAGCACGAGGAGGAACAGCGGCTTTTCCGAGAGCGAGCCCGGCCAAGGAGAAGGAAT  
 GTGTGAGAGCCGAGCCAGGAGGGCTCAAGAGGCTCAACGGGACAAGGGCCAGAGCCTCCAGGGCTGGG  
 CCCAGGGCAGAACACCCACGAGGGGCAGAGAGGGGCAGCCTCTGGCGCTTTGGCGATGTGCCCTGGCCCT  
 GCCCTGTTGGAGGGGACCCAGAGGCCATGGCTGCAGCCTTGGTGGCCAGGGGCCCCCTCTGGAGGAACA  
 GGGGGCTCTGAAGAGGTACTTGAGAGTCCAACAGGTCCGGTGGCATCCTGACCGTTCCTGCAGCGATTC  
 CGAAGCCAGATTGAGACCTGGGAGCTGGGCCGAGTGATGGGAGCTGTGACAGCCCTTCTCAGGCCCTGA  
 ACCGCCACGCAGAAGCCCTCAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_010909
<b>Insert Size:</b>	1146 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_010909.4</a></u> , <u><a href="#">NP_035039.1</a></u>
<b>RefSeq Size:</b>	1470 bp
<b>RefSeq ORF:</b>	1146 bp
<b>Locus ID:</b>	18038
<b>UniProt ID:</b>	<u><a href="#">O88995</a></u>
<b>Cytogenetics:</b>	17 18.6 cM
<b>Gene Summary:</b>	Involved in the regulation of innate immune response. Acts as negative regulator of Toll-like receptor and interferon-regulatory factor (IRF) signaling pathways. Contributes to the negative regulation of transcriptional activation of NF-kappa-B target genes in response to endogenous proinflammatory stimuli (By similarity).[UniProtKB/Swiss-Prot Function]