

## Product datasheet for **MC222761**

### Itpkb (NM\_001081175) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Itpkb (NM_001081175) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Itpkb
Synonyms:	1110033J02Rik; E130307H12Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

>MC222761 representing NM\_001081175

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTGTGACTGCTATGCCCTCAATAGCCTGGTGATCATGAACAGCACCAACGAGCTCAAGAGTGGCG  
GCCCCCGGCCAGCGGCAGCGAGACGCCCCAGCCCTCCGGGAGGGCCGCGCTGAGTCCCGCAGCGTCTT  
CAGCCCTGGGAGAGGCGCTTCTTTCTCTTCCCCCAGCAGAGTCGCTGTCCCTGGAGGAGCCCGGAGT  
CCTGGGGGCTGGCGCAGCGGCCGGCGCAGGCTGAATAGTAGCAGCGGTAGCGGAGGTGGCAGCAGCAGCA  
GCAACAGCAGCAGCAGCAGTGGCGTGGCAGTCCAGTTGGGCTGGCCGCTGCGAGGGGACGCGCAGCA  
GGTGGTGGCGGCCGCATCCTCTCCCCACCTGGGCCAGAGGAGGCCAGAGGAAGCTGCGGATTCTGCAG  
CGCGAGTTGCAAATGTGCAGGTGAACCAGAAAGTGGGCATGTTTCGAGGCGCAAATCCAGGCACAGAGCT  
CTGCCATTCAAGCGCCCCGAAGCCCGCTTTGGGTAGGGCTCGTTCGCCCTCCCCGTGCCCTTCCGAAG  
TAGCAGCCAGCCCCGAAGGGTCTTGGCTCCGTGTTCTCCAAGTGAGGAACGCAGAACAAGTCTGG  
GGAGAACAATGTACAGAAACCCAGATACCAACTCTGGAAGGAGAAGCAGACTCAGCACACACCCCTCGA  
AGGACAAGGAGGGAGTGGCCCTCTTTAGGCCAGCCAGCCGACCAGGTTAGGGACTCAGAGTCCATC  
TACTTCGTGAGAATGGAAAGAGGTACCCCGCCAGTCCCGCTGTGGCTCACCCACACCCATGGAACT  
GACAAGAGGGTTGCTCCCTCACTGGAGCGCTTGGAACTAGCTTAACTGGTACTAAAGTGGCAGCTT  
CAGCCGCATCCGCTGGACCACACCCCTGGACATGATTCTGCCCTCATGGAGACAGGCTGTGAGCTCGGGG  
CATGCGCCCTGGGAGGCCAGATGGAGAGACGGGGCAGTTTCTGGCAAGGAGACCGGCTCAACCCCA  
GAGCCTGTCCGGACCCACATGAGAGAACCCCTGGAAGGTGGGAAGGAAATTCATTCTGTTGGTGGC  
AGGGCTCTGGACACCTGAAGTCATCAAAGACCAGAAGAGAGGGGCTGTGACTGCCAAAGCTCAGAGCC  
CTCAGAGGACCCAGATGGTCTAGACTGCCTGTAGACTGGATTCCGTAGGACCTGAGAAGGGAGGAAAT  
AGGATCCAGGGATGCGAGGGCCCCAGCAGACCCTGGACAGTGAAGAGAAAGGCTCTCCAGCACTGGCT  
TGCTTGGGGGAGCCAGGCAGCAGCCAGGGGCTAGGGGTGTGGAGGAAGACGTTCAATATGGCCGAAT  
GCTGGAACCTTTACCACCTGGGGAAGTAACAACAAAATTTGAAAGAACCCAGTGCCTCCCTGGGGACAGG  
ATGGGAATGCAGCCTGAGAGTTCATAGTTTGGCCAGTGCCTTGGAGGAAGCTCCCTGATCTGGACAC  
GTGACACGGGGTACAGTGAAGGGGACTTGGGAAGCCAGCTGCCAGACGGAGATGCTCACCTAGCTG  
CCAAGAGATGCCCCAGACCAGAAGGACAAGGCCTCCTTAAAAGAGGCCTGCAGCCCCAGCAACATCCCA  
GCCATCCCTGCAGTCATCATTACAGATATGGGTGCTCAGGAGGATGGAGGGCTAGAGGAGATCCAAGGAA  
GCCTCGGGTCCCTGCCTCTGAGGAAGCTGTCTCCTCCTCAGCCTCCTCCACTGGCTTCTCCTCTTC  
TTACGATGACTCGGAGGAGGACATCTCCAGTGACCCTGAGCGCACGCTGGACCCCAACTAGCCTTTTTG  
CATACCCTGGACCAGCAGAAGCCAGAGTGAAGTCAATGGAGAAAGATAAAGAACATGGTGCAGTGGT  
CCCCCTTTGTCATGTCCTTCAAGAAGAAGTACCCTGGATCCAGCTGGCAGGACATGCAGGGAGCTTCAA  
GGCAGCTGCAAAATGGCCGCATCCTTAAGAAGCACTGTGAGTCTGAGCAGCGCTGCCTGGACCGGTTAATG  
GCGGATGTGCTGAGACCCTTCGTGCCAGCCTACCATGGGACGTGGTGAAGGATGGGGAACGCTACAACC  
AGATGGACGACCTGCTGGCTGACTTCGATTCCGCTGCGTGTGACTGCAAGATGGGTGTCAGGACATA  
CCTGGAGGAAGAACTACCAAGGCCCGGAAGAAGCCTAGCTTGGGAAGGACATGTACCAGAAGATGGTC  
GAGGTGGACCCTGAGGCCCCACTGAAGAGGAGAAAGCCAGCGAGCTGTGACCAAGCCAGTTACATGC  
AGTGGCGGAAACCATCAGTTTCGACAGCCACCCTAGGCTTCAAGGATCGAAGGCATCAAGAAGGAAGTGG  
CTCTGTGAACCGTACTTCAAGAAGACAAAACAAGGGAGCAGGTCAACGAGGCTTTCAGAGAATTCACT  
AAGGGAACCCAGAACATCTTGCCTACCGGGACCGGCTGAAGGCCATTTCAGCGACCCCTGGAATCT  
CTCCCTTCTTCAAGTCCACGAGGTATTGGCAGCTCTCTCCTTTCATCCATGACAAGAAGGAGCAAGC  
CAAGGTGTGGATGATTGACTTTGGGAAAACCCAGCCCTTCCGGAAGGCCAGACCCTACAACACGACGTC  
CCCTGGCAGGAGGGAACCGGGAGGATGGCTACCTCTCAGGGCTGGACAACCTCATCGACATCTGACGG  
AAATGTCCAGGGCAGCCACTACCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-MluI

<b>ACCN:</b>	NM_001081175
<b>Insert Size:</b>	2829 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_001081175.1</a></u> , <u><a href="#">NP_001074644.1</a></u>
<b>RefSeq Size:</b>	5101 bp
<b>RefSeq ORF:</b>	2829 bp
<b>Locus ID:</b>	320404
<b>Cytogenetics:</b>	1 84.27 cM