

## Product datasheet for **RN206446**

### Ip6k2 (NM\_021660) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ip6k2 (NM_021660) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ip6k2
Synonyms:	lhpk2; Pius
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206446 representing NM_021660 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAGCCCAGCCTTCAGGACCATGGACGTAGAGCCCCGTACCAAGGCATCCTGCTGGAGCCCTTTGTCC  
ACCAGTTGGGGGCACTCATGCGTTCTCCGGTCAATGAGACAACCCTGTGCAAGCCCCGTTCAG  
GGAGCATCAGTTCTACGAGACCCTCCAGCTGAGATGCGCAGATTCACTCCCAGTACAAAGGTGTGGTA  
TCAGTACGCTTTGAAGAAGATGAAGACAGGAACCTGTGTTAATAGCATATCCATTAAGGGGGACCATG  
GACCTGTGGATATTGTAGACAATTCAGACTGTGAACCAAAAAGTAAGCTGCTGAGATGGACAAAACAAAA  
ACATCACGTCTAGAAAACAGAAAAGAGTCCCAAGGACTGGGTGCGCCAGCACCGAAAAGAGGAGAAGATG  
AAGAGCCATAAGTTAGAAGAAGAATTTGAGTGGCTAAAGAAGTCTGAAGTCTTATACTACAGTGTAGAAA  
AAAAGGGAAGTGAAGTCCCAGCTCAAACACTACAACCCTTGGAGCATGAAGTGTATCAGCAGCAGCT  
ACAGAGGATGAAGGAGAACGCGAAGCACCGAACCAGTACAAATTCATCTTGCTGGAGAACCTGACTTGC  
CGCTATGAGGTGCCTTGTGCTGGACCTCAAGATGGGCACACGCCAGCATGGCGACGATGCTTCAGAGG  
AAAAAGCAGCTAACCCAGATCCGAAAATGTGAGCAGACACATCTGCAGTATTGGCGTTCCGAGTGTGG  
CATGCAGGTGTACCAGGCAGGCACTGGCAGCTCATGTTTCAAGCAAGTACCATGGACGGAAGCTTTCA  
GTGCGAGGCTTCAAGGAGGCGCTTTTCCAGTCTTTTCAATGGCGGTACCTGCGCCGTGAGCTCCTGG  
GCCCTGTGCTCAAGAAGCTAACTGAGCTTAAGGCCGTGTTGGAGCGACAGGAATCCTACCCTTCTATTC  
AAGTTCCTACTGGTCATTTATGATGGCAAGGAATGGCCAGAGGTGACCCTGGACTCAGATGCTGAGGAC  
TTGGAGGACCTCTCAGAAGAGTCGGCTGATGAGTCTGCTGGTGCCTATGCCTACAAGCCTCTCGGTGCCA  
GCTCAGTGGACGTGCGCATGATCGACTTGCACACACCACCTGCAGGCTCTATGGCGAGGACAGTGTGGT  
GCATGAGGGCCAGGATGCTGGCTATATCTTTGGGCTGCAGAGCCTGATAGACATTGTCACAGAGATAAGT  
GAGGAGAGTGGGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_021660
<b>Insert Size:</b>	1278 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>	<a href="#">NM_021660.2</a> , <a href="#">NP_067692.2</a>
<b>RefSeq Size:</b>	1894 bp
<b>RefSeq ORF:</b>	1278 bp
<b>Locus ID:</b>	59268
<b>UniProt ID:</b>	<a href="#">Q9R0U1</a>
<b>Cytogenetics:</b>	8q32
<b>Gene Summary:</b>	activator protein for intestinal Na/Pi co-transport system; may play a role in the regulation of the intestinal Pi transport system by Pi restriction and 1;25-(OH)2D3 [RGD, Feb 2006]