

## Product datasheet for **RN206876**

### Ilk (NM\_133409) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ilk (NM_133409) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ilk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206876 representing NM_133409 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACGACATTTTCACTCAGTCCGGGAGGGCAACGCGGTGGCGGTGCGCTTGTGGCTGGACAACACAG  
AGAACGACCTAAATCAGGGGGATGATCATGGCTTCTCCCCTTTGCACTGGGCCTGCCGAGAAGGCCGATC  
TGCAGTGGTTGAAATGCTGATCATGCGGGGAGCACGGATCAATGTGATGAATCGTGGGGATGATACCCCC  
CTGCACCTTGGCAGCTAGTCACGGACACCGTGACATTGTACAGAAGCTGTTGCAATACAAGGCTGACATCA  
ATGCAGTGAATGAACATGGGAATGTGCCCTTCACTATGCATGTTTCTGGGGCCAAGACCAGGTGGCAGA  
GGACCTAGTAGCTAACGGGGCTCTGTGAGCATCTGTAACAAGTATGGAGAGATGCCTGTGGACAAAGCC  
AAGGCACCCCTTCGAGAGCTTCTCCGAGAACGGGCAGAGAAGATGGGCCAGAATCTTAATCGTATTCCAT  
ACAAGGACACATTCTGGAAGGGGACCACTCGCACAAAGCCCGAAATGGGACCCTGAACAAACACTCTGG  
TATTGACTTCAAACAGCTCAACTTTCTGGCAAAGCTCAACGAGAATCATTCTGGAGAGCTATGGAAAGGC  
CGCTGGCAGGGCAATGACATTGTTGTGAAGGTGCTGAAGGTTGAGACTGGAGTACAAGGAAAAGCAGGG  
ACTTCAATGAGGAATGTCCCGGCTCAGGATTTTCTCTATCCTAACGTGCTTCCGGTACTAGGTGCTTG  
CCAGGCTCCCCAGCTCCCCACCCAACCTCATCACACTGGATGCCATATGGATCTCTCTACAATGTT  
CTACATGAAGGCACCAATTTCTGTTGGACCAGAGCCAAGCTGTAAGTTTGTCTTGGACATGGCAAGAG  
GCATGGCTTTTCTCATACACTAGAGCCTCTCATACCTCGGCACGCACTCAATAGCCGTAGTGTAATGAT  
CGATGAAGATATGACTGCCCGAATCAGCATGGCTGATGTAAGTTTCTTTCCAGTGGCCTGGGCGCATG  
TATGCACCTGCCTGGGTGGCCCCGAAGCCCTGCAAAAAGAAGCCTGAAGATACAAACAGACGCTCAGCAG  
ACATGTGGAGTTTTCGGTGCTTCTGTGGGAACGGTACACGAGAGGTGCCCTTTGCTGACCTTTCTAA  
TATGGAGATTGGAATGAAGGTGGCACTGGAAGGCCCTTCGGCTACTATCCCACCAGGTATTTCCCCCAC  
GTGTGTAAGCTCATGAAGATTGATGAATGAAGACCTGCAAAGCGACCCAAGTTTGACATGATTGTAC  
CTATCTGGAGAAGATGCAGGACAAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_133409
<b>Insert Size:</b>	1359 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_133409.2</a> , <a href="#">NP_596900.1</a>
<b>RefSeq Size:</b>	1770 bp
<b>RefSeq ORF:</b>	1359 bp
<b>Locus ID:</b>	170922
<b>UniProt ID:</b>	<a href="#">Q99J82</a>
<b>Cytogenetics:</b>	1q32
<b>Gene Summary:</b>	serine/threonine kinase involved in intracellular signal transduction [RGD, Feb 2006]