

## Product datasheet for **MC213226**

### **Kir3dl2 (NM\_177748) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Kir3dl2 (NM\_177748) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Kir3dl2  
**Synonyms:** Kir12  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC213226 representing NM\_177748  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCTGCTCTGGTTCCTCAGCCTCATGTGTTCTGGTTTCTTCTAGTCCAGAGGATGTCAGCACACGTGG  
GAAGTCATGATAAACCATTCTATATGCCTGGCCAAGTTATGTTGTTCTCTGGGACAGAATGTGACTCT  
TACATGTGACTCTCATAGAGGATCTAACATATTCAAACTGTACAAGAAGAAGGGTCTCCAATCCCTCAG  
TTACATGAGACTACATTCAGAAGAGCCAGGTCTTTGGTCTGTGACCACAGAACATGCAGGAACCTACA  
GATGCTCCATCCTCAATATGCTAATGTATTGTGACGACATAGTGAGCCTCTGAAATCATAATTTCAAG  
AATCTACTTGAAGCCTTCTCTTGATTCTACAAAGTCCCTGGTGAATTCAGGAGGGAATGTGACCCTG  
GAATGTCACTCAGAGAATATGTTTCGATACATACATTTTGATTTACACAGAATGGGAATAATCAAGAACT  
CTGTCCAAGTTTCTGCAGAACATCATGAAAGTGGGTACATGTCACCTACTCAATAGGTCCCATGACACC  
TGACCTTGTGGGACTTACACATGCTATGGTGTAAACAGTTACTACCCCTATGAATGGTCAGACCCCACT  
GACCCATTGACATCAAGATCACAGGTGTATAACAAGAAACCTTCTGTGAGTCCAGTAAATTCGAGGCAAAA  
TGATGATGTCAGGAGAAACCATGACCCTGTCTTGATCTGACCATCAGTTTGACATGTTCCATATGTC  
CAGGGAAGGGGTGCCTCAGGGACAGGGGATGCCTGGAGTGCAGATCCACAGTGGTAAATTCGAGGCAAAA  
TTCTTCTTAGTTCAATGATCCAAAAGGGAACTATAGATGCTATGGCTCTTTCAGGAACCTTCCCATG  
TGTGGTCTCCCAAGTGACCCCTGTACCTTCTGCCAAAGGAACTGTCTGCATGCACAGAAGAAGA  
TCCCAAAATACATAACTGCAAGAACCTGCGCATTCTAACTGGGCTCTTAATGACCATGGTCTTGTGATC  
ATCATCATCTTTATTCTTGTACTTTCCCAAACAGAATAAGTCTCAGAAAACAAGCAGCAGCCAGCATGG  
AACAGAGTCTGAAGTAAAAACAATAAACAGACAGCTTTCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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ACCN:	NM_177748
Insert Size:	1167 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
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"><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>
RefSeq:	<a href="#">NM_177748.2</a> , <a href="#">NP_808416.1</a>
RefSeq Size:	1734 bp
RefSeq ORF:	1167 bp
Locus ID:	245615
Cytogenetics:	X 58.45 cM