

## Product datasheet for **MC228614**

### **Xkr5 (NM\_001286469) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Xkr5 (NM_001286469) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Xkr5
Synonyms:	5430438H03Rik; XRG5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228614 representing NM\_001286469  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGAGGTTGGGGTGGATGAACGTGGCCTCTGCTCCATAGTTTTCTACTTTGCCACGGTCTGCTCC  
 TCTGGGGTGGCTGGCCCTTCTGTCTCCTGCCCGCTTCTTGGTCCAGGCCCTGAGCTTCTGTGGTT  
 CCGAGCAGATGGGCATCAGGGTCACTGGTGGCTGGCGGACTGCATCTTCTGCAACTGGCGTCTGGAAG  
 CGGCCTGGGACTCTGTGGCAACGGCTCTGTGGAAGGAAAGGAGGCTCCAGCTGGGGACAGCTGCACC  
 TGCAGGAGGCTGACCTGTGAGCCCTACGGCTCCTGGAGGCTCTGCTGCAGACAGGGCCCCACCTGCTGT  
 TCAGGCTTACGTGTTCTAGCCTCTGACTTCACAGACATTGTGCCAGGAATCAGTGCCCTACTCTCTGG  
 TCTTCACTGTCTGGGCTCTAGTGTACACAACCGTTTCTGGGCATCATGAAGCCAGGCCACCATAACCA  
 TGCTATGGGCTGCTCTTGTGCCAGCAGCTCTGGAGGATGGGCATGCTGGGTGCTGTGTGCTAAGCCT  
 GGTTCGTCTGCCGAGTTTACCGTGTGTGGGTTTTGGTGGTGGAGGTGCTCACTGGCTAGTGATGACC  
 TTCTGGCTCGTGGCCAGCAGAGCGACATTGTAGAGAGCACCTGCCACTGGAGGCTGTTCATCTGCTGG  
 TGGGGCCGTTTCATCCTCTGCTACATCAATTTCTGGGACAGCCCTCCAGAAGCAGGGTGGCCAGCTT  
 CTAATTGGTTATGCTGCTGGAGAACTCCATACTTACTACTGGCCACTGACTTTCTGCAGGGAGTACCA  
 GGGACCAGCCTGTGGACTGTGGTGGGAGTCTTGTCTGGATTTCTGATTGGGTGTGCATCGCTGGTTATTT  
 ATTACAGCTTACTACACCCTAAGTCCTCAGACATCCAGCAGAGCTTCATGAGGAAATGCTGTGGCCCAT  
 CGAGGATAACAACTGAATCAGAACCTCCTCCAGGGCCGTGGATCCCACAGGGGAGATGCCAGACAGC  
 TCAAGCTGGTGCCAAGAGGAAAGCTATGAGCTAACAAGTCTAGATAAGGCCCCAGCCAGAGCAGAACA  
 CTGCAGAGGTGGGGCTCGGGAGCAGAGATCTGGGGAGTCTTCTTTCAGCCACCACCTGGCTGTT  
 GCTGAAAACCTCGCTCTCAAGACAGGAAGTATCTAGGATCAACGCAGCCCTCGGAGGTGACAGCCCTGGC  
 TGCTCCTGTCCCCTCTGCTGGGTCGAGTCAACACTGTGATCTGCAGAGGAAACCCTGTTTTCCCATC  
 AAGACCTCCCATCCTCTCCCTGTGACCCTTTGACCTTGGAGAAAGGGTCTGAGTACGTAGGGGCTCCGAA  
 AGCAGAGATGGAGTCATTGGAACCTTCAAGCTATCTCTCCTTTGCCAGCGAGCTTGAGGACAATGCAACA  
 ACCCAGAAGCCACCAGCTACCCAGGAGGACAGTCCAAAGCTGGCTGGGTCCAAGGCTGACCTTGCAGCTC  
 AGGGGAAGGAGACAGAAGTCCCCTGCAGGGGAAGGAAGGACAGGAGAGCACAACACTGTATTTCACTGC  
 CGCCATGGACAGAACCACATCCACCAAAGAGGCAGCCAGTGTCTGCGGATATCCACTCGGAGACT  
 CTGGTAGAGAGCAGACCTGGGCAGCCTGCGCTGCCTCAGGCAGTCACTAAGCCCTTCTGTTACCGTGG  
 CCAATATTAGTCCATTCCAGGTAGAACTTCCGCCCCAGTGCAGAGCTTCTGGAAGAGCCCAGATAG  
 TTCAGAGTGTGAGGAGTGAAGGACGCGCAAGGGACCCGAGTATGCAGAGCTCATTGCCAAGATGAGG  
 CTGAAGGCAGCTGAAGAGCCCTGCTTACATCTACCCCTAAGTCGGAGTCCATCCAAAGGGACTACAGCT  
 GCAGGGACAGGGTGAAGACAGGAGATGAGCTTTTTTCAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001286469

**Insert Size:** 2001 bp

**OTI Disclaimer:** 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

<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_001286469.1</a></u> , <u><a href="#">NP_001273398.1</a></u>
<b>RefSeq Size:</b>	3928 bp
<b>RefSeq ORF:</b>	2001 bp
<b>Locus ID:</b>	319581
<b>UniProt ID:</b>	<u><a href="#">Q5GH66</a></u>
<b>Cytogenetics:</b>	8 A1.3