

Product datasheet for **MC220385**

Xkr5 (NM_001113350) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xkr5 (NM_001113350) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Xkr5
Synonyms:	5430438H03Rik; XRG5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220385 representing NM_001113350
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCACGCGGGGCTCCTGGGCTCTCTGCCTGCTGCAGGCGGCCGAGCAAAGCGCGCCCTCTGCTCCA
 TAGTTTTCTACTTTGCCACGGTCTCTCTGGGGTGGCTGGCCCTTCTGTCTCCTGCCCGCTT
 CTTGGTCCAGGCCTGAGCTTTCTGTGGTCCGAGCAGATGGGCATCAGGGTCAGTGGTGGCTGGCGGTA
 CTGCATCTTCTGCAACTTGGCGTCTGGAAGCGGCACTGGGACTCTGTGGCAACGGCTCTGTGGAAGGAA
 AGGAGGCTCCCAGCTGGGACAGCTGCACCTGCAGGAGGCTGACCTGTCAGCCCTACGGCTCCTGGAGGC
 TCTGCTGCAGACAGGGCCCCACCTGCTGCTTACGGCTTACGTGTTCTAGCCTCTGACTTCACAGACATT
 GTGCCAGGAATCAGTGCCTACTCTCTGGTCTTACTGTCTGGGCTCTAGTGCATACAACCGTTTCC
 TGGGCATCATGAAGCCAGGCCACCATACCATGCTATGGGCTGCTCTTTGTGCCAGCAGCTCTGGAGGAT
 GGGCATGCTGGGTGCTCGTGTGCTAAGCCTGGTCTGTTCTGCCGAGTTTACCGTGTGGGTTTTGGTG
 GTTGGAGGTGCTCACTGGCTAGTGATGACCTTCTGGCTCGTGGCCAGCAGAGCGACATTGTAGAGAGCA
 CCTGCCACTGGAGGCTGTCAATCTGCTGGTGGGGCCGTGTTTCATCCTCTGCTACATCAATTTCTGGGA
 CAGCCCTTCCAGAAGCAGGGTGGCCAGCTTCTACTTGGTTATGCTGCTGGAGAACTCCACTCTTACTA
 CTGGCCACTGACTTTCTGCAGGGAGTACCAGGGACCAGCTGTGGACTGTGGTGGGAGTCTTGTCTGGAT
 TTCTGATTGGGTGTGCATCGCTGGTATTTATTACAGCTTACTACACCCTAAGTCTCAGACATCCAGCA
 GAGCTTCATGAGGAAATGCTGTGGCCCCATCGAGGATAACAACTGAATCAGAACCTCCTCCAGGGCC
 GTGGATCCACAGGGGAGATGCCAGACAGCTCAAGCTGGTCCAGAGGAAAGCTATGAGCTAACAAGTC
 TAGATAAGGCCCCAGCCAGAGCAGAACTGCAGAGGTGGGGCTCGGGGAGCAGAGATCTGGGGAGTC
 CTCTTTCTCAGCCACCACCACTGGCTGTTGCTGAACTCGCTCTCAAGACAGGAAGTGTATCTAGGATC
 AACGCAGCCCTCGAGGTGACAGCCCTGGCTGCTCTGCTCCCTCTGCTGGGTCGAGTCAAACTGTG
 ATCTGCAGAGGAAACCCCTGTTTTCCCATCAAGACCTCCCATCCTCTCCCTGTGACCCTTTGACCTTGA
 GAAAGGTCTGAGTACGTAGGGGCTCCGAAAGCAGAGATGGAGTATTGGAACTTCAAGCTATCTCTCC
 TTTGCCAGCGAGCTTGGGACAATGCAACAACCCAGAAGCCACCAGCTACCCAGGAGGACAGTCCAAAGC
 TGGCTGGTCCAAGGCTGACCTGCAGCTCAGGGGAAGGAGACAGAAGTCCCCTGCAGGGGAAGGAAGG
 ACAGGAGAGCACAACTGTATTTCACTGCCCATGGACAGAACCACATCCACCAAAGAGGCAGCCCA
 GTAGTTCTGCGGATATCCACTCGGAGACTCTGGTAGAGAGCAGACCTGGGCAGCCTGCGCTGCCTCAGG
 CAGTCACTAAGCCCTTCTCTGTTACCGTGGCCAATATTAGTCCCATTCCAGGTAGAACTCCGCCCCAG
 TGCAGAGCTTCTGGAAGAGCCCCAGATAGTTCAGAGTGTGAGGAGTGAAGGACGCGGCAAGGGACCCG
 AGTATGCAGAGCTCATTGCCAAGATGAGGCTGAAGGCAGCTGAAGAGCCCTGCTTACATCTACCCCTA
 AGTCGGAGTCCATCCAAAGGGACTACAGCTGCAGGGACAGGGTGAAGACAGGAGATGAGCTTTTTCTATCTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001113350
- Insert Size:** 2031 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).
- 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:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_001113350.2](#), [NP_001106821.1](#)

RefSeq Size: 2855 bp

RefSeq ORF: 2031 bp

Locus ID: 319581

UniProt ID: [Q5GH66](#)

Cytogenetics: 8 A1.3