

## Product datasheet for **MC220138**

### **Xkr4 (NM\_001011874) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Xkr4 (NM_001011874) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Xkr4
Synonyms:	AY534250; Gm210; mKIAA1889; XRG4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220138 representing NM\_001011874  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCGCTAAGTCAGACGGGAGGCTGAAGATGAAGAAGAGCAGCGACGTGGCGTTCACCCCGCTGCAGA  
 ACTCGGACAATTCGGGCTCTGTGCAAGGACTGGCTCCAGGCTTGCCTCGGGTCCGGAGCCGAGGACAC  
 GGAGGCGGCCGGAGGCGGCTGCTGCCCGGACGGCGGTGGCTGCTCGCGCTGCTGTGCTGCTGCGGGG  
 AGCGGGGCTCGGCGGGCTCGGGCGGCTCGGGCGGCGGGCGGGGAGCGGGGCGGGCTCTGCGGCGC  
 TGTGCCTGCGCCTGGGACGGGAGCAGCGCGTTACTCGCTGTGGGACTGCCTCTGGATCTGGCCCGCT  
 GGCCGTGACTTCGCGGATGTGGAAACGGACATCTGGCTCGCGGTGGACTACTACCTGCTGGCCAGCGC  
 TGGTGGTTTGGGCTCACCTCTTCTCGTGGTGTGGGCTCCCTTTCTGTGCAAGTTCAGCTTCCGCT  
 GGTGTGTCATGATTTACAGCACCAGGACAGCTCCAGCACCACCTCCAGCTGCCAGCAGCCTGGAGC  
 AGATTGCAAGACGGTGGTCAGCAGTGGGCTGTCAGCCGGGAAGGCGAGGTTTCCTCCACGCCGCGAG  
 AGGCAAGCATCCAACGCCAGCAAGAGCAACATCGCCGCCACCAACAGCGGAGCAACAGCAACGGGGCCA  
 CCCGGACAGCGCAAAACACAGGTCTGCGTCTGCTCCTTTTGCATCTGGCTCCTGCAGTCACTCATCCA  
 CATCTTGACAGTTGGGCAAACTGGAGGATTTGCACACAATACTTAGGTATCCGGAGCCGGCAGAGT  
 GGGGAGAGCGGCAGGTGGCGGTTTTACTGGAAGATGGTGTACGAGTATGCAGATGTGAGCATGCTGCATC  
 TGCTAGCCACTTTTCTGGAAAGTCTCCACAATGGTCTGCAGCTCTGCATTATGTACAGACTCACAG  
 CTTACAGGCCCTCAAGGTTTACAGCAGCAGCCTCCCTGTGTCTTGGCTTGGGCCCTAGCCTCCTAC  
 CAGAAGGCTCTTCGGGACTCCCGAGATGACAAAAGCCCATCAGCTACATGGCTGTCATCATTAGTTCT  
 GCTGGCATTCTTACCATCGCTGCCAGGTCATCACATTGCGCCTCTTGCCTCGGTTTTCCAGCTGTA  
 TTTTGGGATATTTATTGCTCCTCATTGGTGCATCATGACTTTCTGGATTGTCCACTGTGAGACAGAATTC  
 TGTATACCAAATGGGAAGAGATTGTGTTTGCATGGTGGTGGGCATCATCTACATCTTCAGTTGGTTCA  
 ATGTCAAGGAAGGCAGGACACGCTGCAGGCTGTTCACTTTACTATTTTGTAACTCTTTTGGAAAATACAGC  
 CTTGAGTGCCTCTGGTACCTCTACAAAGCTCCCCAGATTGCAGATGCATTTGCCATCCCTGCATTGTGC  
 GTGTTTTTTCAGCAGCTTTTTAACAGGTGTTGTTTTATGCTGATGTACTATGCCTTCTTTCATCCCAATG  
 GGCCAGATTTGGGCAATCACCAAGTTGTGCTTGTGATGATCCAGCCACTGCCTTCTCTGCTCCAGA  
 AGTAGCCACAAGCACACTACGGTCCATCTCCAACAACCGCAGTGTGCCAGTGACCGTGATCAGAAATTT  
 GCAGAGCGGGATGGATGTGTACCTGTGTTCAAGTGAAGCAACTGCACCACCCACCCCATCATCTCGAC  
 CACCACGGATTGAAGAATCAGTCATTAATGACCTGTTTCAGGAATAGATATCCAGCATGGGAGAGACA  
 TGTGTTAGATCGAAGCCTGAGAAAGGCCATTTTAGCCTTTGAATGTTCCCATCTCTCCAAGGCTGCAG  
 TACAAGGATGATGCCCTTATTCAGGAGAGGCTGGAATATGAAACCACTTTA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001011874
- Insert Size:** 1944 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\\_001011874.1](#), [NP\\_001011874.1](#)

**RefSeq Size:** 3652 bp

**RefSeq ORF:** 1944 bp

**Locus ID:** 497097

**UniProt ID:** [Q5GH67](#)

**Cytogenetics:** 1 A1