

Product datasheet for **RN203088**

Xkr4 (NM_001011971) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xkr4 (NM_001011971) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xkr4
Synonyms:	XRG4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203088 representing NM_001011971
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACGCCACCACCGCTGCTAGTACAGAAGCCAGCTTCCTAGTTGAAGCGTGTCTCACCCCTCGC
 CGGCAACACACCTAGCACCGTACCACACCAACCAGGTGCCGAACCTCCCAGTACAATACAAAGAGACCT
 GCTCTTCCCACATCCCTCGCCGCTGCCACGCCCGCTCGAGTCCACGGCCCCCTGCCCTCGGCGGTGGCCCA
 ACACAGAGACTCCAACACGCGGGCGCTCTGCCACCCCATCCCCCAGCGTCAAGGAAATCCACCCAA
 CGTTTTCCGAAATCCCACGAGCCGGGCCCTCCGACTGCTGTGCTGCTGCCCTCGGCGTCCAGCACTGGCC
 AGCCCGGACCCCCACCCGCGCTCCCTCGATCTCGCTCGCTGTGGACTACTACCTGCTCGGCCAGCGC
 TGGTGGTTTGGGCTCACCTGTTCTTCGTGGTTCTGGGCTCGCTCTGTGCAAGTGTTCAGCTTCCGGT
 GGTTTGTGCAGATTTACGACCCGAGGACAGCGCCACGACCACCGCTCCACCTGCCAGCAGCCTGGAGC
 GGATTGAAGACCGTGGTCAGCAGTGGGTCTGCAGCCGGGAAGGCGAGGCTCGTCTTCCACGCCGCGAG
 AGGCAAGCATCCAACGCCAGCAAGAGCAACATCGCCGCCACCAACAGCGGAAGCAACAGCAACGGGGCCA
 CCAGGACCAGCGGCAACACAGGTCTGCGTCTGCTCCTTCTGCATCTGGCTCCTGCAGTCACTCATCCA
 CATCTTGACGCTCGGGCAAGTCTGGAGGATTTGCACACAATACTTAGGTATCCGGAGCCGGCAGAGC
 GGGGAGAGCAGTAGGTGGCGTTTTACTGGAAGATGGTGTACGAGTATGCAGATGTGAGCATGCTGCACC
 TGCTGGCCACCTTTCTGGAAAGTGCGCCACAACGGTCTGCAGCTCTGCATAATTGTACAGACTCACAG
 CTTACAGGCCCTCAAGGTTTTACAGCAGCAGCCTCCCTGTGTCTTGGCTTGGGCCCTAGCCTCCTAC
 CAGAAGGCTCTTCGGGACTCCCGAGATGACAAAAAGCCTATCAGCTACATGGCTGTCATCATCCAGTTCT
 GCTGGCATTCTTACCATTGCTGCCAGGTCATCACATTGCGCCCTTTGCGCTCGGTTTTCCAGCTGTA
 TTTTGGGATATTGCTCCTCCACTGGTGCATCATGACCTTCTGGATTGTCCTGTCAGTGTGAGACAGAATTC
 TGTATACCAAATGGGAAGAGATTGTGTTGACATGGTGGTGGTATCATCTACATCTTCCAGTTGGTTCA
 ATGTCAAGGAAGGCAGGACACGCTGCAGGCTGTTCACTTTACTATTTTGAATCCTTTTGGAAAATACAGC
 CTTGAGTGCCTCTGGTACCTCTACAAAGCTCCCCAGATTGCGGATGCATTTGCCATCCCTGCATTGTGC
 GTGGTTTTAGCAGCTTTTTAACAGGTGCTGTTTTATGCTGATGTACTATGCCTTCTTCCATCCCAATG
 GGCCAGATTTGGGCAGTCACCAAGTTGTGCTTGTGACGACCCTGCCACTGCCTTCTCTATGCCTCCAGA
 AGTAGCCACAAGCACACTACGGTCCATCTAACAAACCGCAGTGTGCCAGTGACCGTGATCAGAAATTT
 GCAGAGCGGGATGGATGTGTACCTGTGTTTTCAGGTGAGACCAACTGCACCACCTACTCCATCATCTCGAC
 CACCGCGGATTGAAGAATCAGTCATTAATGACCTGTTTCAGGAATAGATATCCAGCATGGGAGAGACA
 TGTGTTGGACCGAAGCCTGAGAAAGGCCATTTTAGCCTTTGAATGTTCCCATCTCCTCCAAGGCTGCAG
 TACAAAGACGATGCCCTTATTCAGGAGAGGCTGGAATATGAAACCACTTTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001011971
- 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_001011971.1](#), [NP_001011971.1](#)

RefSeq Size: 3727 bp

RefSeq ORF: 1944 bp

Locus ID: 297801

UniProt ID: [Q5GH59](#)

Cytogenetics: 5q12