

## Product datasheet for **RN210436**

### **Xkr7 (NM\_001012092) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Xkr7 (NM_001012092) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xkr7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN210436 representing NM\_001012092  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGCGAAGTCGGATGGAGCGCGGCCGTGGCCGGCCGGGGCCGGAGGGGCCGGCGGGAGCAGATC  
 GGGCGGGCGGGAGGGCGGGGAGGTTGCGCGGGGATCGCGGTCCGGGACCGGTGGAGCGGGTG  
 CCCGGGGCCACGCTACGAGCTGCGGGACTGCTGCTGGGTGCTGTGCGCGTGTCTGTTCTTCCGAC  
 GGCGCCACCGACCTGTGGCTGGCGGCTCCTACTACCTGCAGGGTACAGACACCTACTTCGGCTCACCT  
 TGCTCTTCGTGCTGCTGCCCTACTGGTCGTGCAGCTGCTCAGCTTCCGCTGGTTCGTCTACGACTACT  
 GGAGCCCCACAGGACCCCGGGACCCGCGTCAGCACCAAGGACAGCGACATAGTCGGAGCCGCCATCAGC  
 ACCAAGGACAGTGTGTCGCTTCCGGACCAAGAAGGTAGCCCCGAGCTGGTCCCGGGCCCGCACCAT  
 CTTCCGGCCGGCGTTACCGCCCGCTGCTGCCGCTCTGCGTCTGGCTACTGCAGACCCGTTCACT  
 CCTGCAACTCGGCCAGGTCTGGAGGTACCTGCGCGCCCTGTACCTGGGGTGCAGAGCCGCTGGCGTGGG  
 GAGCGGCTGCGGGCTCACTTCTACTGGCGGATGCTGTTGAGAGCGCGGATGTGAGCATGCTACGCTGT  
 TGGAGACCTTCTGCGCAGCGCTCCGCAGCTGGTGTGAGCTCAGTCTGCTGGTCCACCGCGGCCGAGA  
 GCCCGAAGTGTGACTGCTCTCCATCTCTGCCTCCCTCGTGTCCCTGGCTGGACTGGCATCTAC  
 CAGAAGGTGTGAGAGACTCCAGAGATGACAAGCGACCTCTGTCTACAAGGGTGTGTGGTCCAAGTGT  
 TGTGGCACCTGTTACCATCGCGGCCCGAACCCCTGGCCTTCGCCCTTCCGCCAGTGTCTACAGGCTCTA  
 CTTTGGCATTTCATTGTAGCCCACTGGTGCATCATGACCTTCTGGGTTATCCAGGGCGAGACAGACTTC  
 TGCATGTCCAAGTGGGAGGAAATCATCTACAACATGGTGGTGGTATCATCTACATCTTCTGCTGGTTCA  
 ACGTCAAGGAGGGCCGACGCCCGCGCTGACCCCTACTACTGCATCGTGTCTAGAGAAATGCAGC  
 GCTCACCGGCTTCTGGTACTCCAGCCGCAACTTCTACTGACTTCTACTCCCTCATCCTGGTCTGTGTG  
 GTGGCCTCCAGCTTTCATTAGGCATATTCTTCATGTGTCTATTACTGTCTCCTGCACCCCAATGGCC  
 CCATGCTGGGTCCCAGGCACCCGGCTGTATCTCCCGAAGCCCGAGGGCCTTGTGGTCTCCAGCTGA  
 CGCCATACAAGTCCGCCAAGGTCTCTGCCGAGGACTACAGGCGGTGAGCGTGTGGGGTGCAGTGGGA  
 GGTGAGCGAGCCGGACCCCTACACCACCTGTCTCCAGGTGCGACCCGGTTTGCCTCCCACGCCAGTGG  
 CTCGCCCTTTCGGACAGAGGGGCTGTCATTCCGATTGACTTGCCTCGGAAAAAGTACCCAGCATGGGA  
 TGCTCATTTTATTGACCGCCGGTCCGGAAGACCATTCTGGCACTGGAGTATTCGTGCGCTGCCACGCC  
 CGGTTGCAGTACCGGAGCATGGGCACCTCCAGGAGCTGCTAGAGTATGAGACCACAGTATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001012092

**Insert Size:** 1743 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\\_001012092.1](#), [NP\\_001012092.1](#)

**RefSeq Size:** 2718 bp

**RefSeq ORF:** 1743 bp

**Locus ID:** 311549

**UniProt ID:** [Q5GH56](#)

**Cytogenetics:** 3q41