

## Product datasheet for **RN203402**

### **Xkrx (NM\_001012230) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Xkrx (NM_001012230) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xkrx
Synonyms:	XRG2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN203402 representing NM\_001012230  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACAGAGTTTATGAAATTCCTGAGGAGCCAAATGTGGTTCCTATCGCATCTCTGGAAGATGTATCC  
 GTGGGCCTAACCCACGTTTTACCTTTCCATTTAGTATCCTCTTCCACCTTCTGTACTGCGGGGAGGC  
 TGCATCTGCCTTGATATGGTTTCAATTTACCGAAAGAACAACGAGACCTTCTGGATGACATACACCTTT  
 TCCTTTTTTATGTTTTATCCATCATGGTTCAGTTGACCCCTATTTTTGTCCACAGAGACCTGGCCAAAG  
 ATAGACCACTATCATTATTTATGCATCTAATCCTCTTGGGACCTGTTATCAGATGTTGGAGGCCATGAT  
 TAAGTACCTTACACTGTGGAAGAAAGAGGGGCAGGAAGAGCCATATGTCAGCCTCACCCGAAAGAAGATG  
 CTAATAGATGGCCAAGAAGTGTGATAGAATGGGAGGTGGCCACTCCATCCGGACCCTGGCTATGCACC  
 GCAATGCCTACAAACGTATGTCTCAGATTCAAGCCTTCTGGGCTCAGTGCCCCAGCTAACCTATCAGCT  
 ATATGTGACCCTGATCTCTGCAGAAGTCCCCTTGGTAGAGCTGTGTTAATGTTTTTTCCCTGATATCT  
 GTCACCTATGGGGCTACCTCTGCAATATGTTGGCTATCCAGATCAAGTATGATGACTACAAGATTGCGAC  
 TTGGTCCAGTGGAAAGTCCTTTGTATCACCATCTGGAGGACATTGGAGATCACTTCCCGCCTCATGATTCT  
 GGTGCTCTTCTCGGCCACCTTGAAGTTGAAAGCTGTGCCCTTCTTAGTGCTCAACTTCTTGATCATCCTC  
 TTTGAGCCCTGGGTTAAGTTCTGGAGGAGTGGTGCCCAATGCCAAACAATTAGAGAAAAATTTAGCC  
 GAGTTGGCAGCTGGTGGTACTGATTTCTGTTACCATCCTCTATGCTGGCATCAACTTCTTGTGGTGC  
 AGCCATGCAGTTGAAGTTGGCAGACAGAGACCTTGTGACAAAGGTCAGAAGTGGGGACATATGGGACTG  
 CACTACAGTGTGAGGTTGGTAGAGAATGTGATCATGGTGTGGTTTTAAGTACTTTGGAGTCAAGGTGT  
 TACTGAATTACTCCCATTCTTGTGGCTATTAGCTTATTATTGCTTACCTGATTTCCATTGGATTCAT  
 GCTCCTCTTTTTCCAGTACTTGCACCCATTGCGCTCACTTCCACCCATAACGTAGTAGACTACCTCCAT  
 TGTATCTGCTGCCGACAGACACCATCGGGAAGGGTTGAGAAGTCTCAGAGACATCCTGTGAGCCTGACACAA  
 GGCAAAGTATTGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001012230
- Insert Size:** 1347 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\\_001012230.1](#), [NP\\_001012230.1](#)  
RefSeq Size: 1817 bp  
RefSeq ORF: 1347 bp  
Locus ID: 497101  
UniProt ID: [Q5GH60](#)  
Cytogenetics: Xq32