

Product datasheet for **RN210054**

Xkr6 (NM_001012042) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xkr6 (NM_001012042) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xkr6
Synonyms:	RGD1310719; XRG6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210054 representing NM_001012042
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGCGAAATCCGATGGCGTGGCGTGGGGTGGGCTTCGCCAGCTGCACAACCTGGACGAGCGG
 TGGCAGCGGCGAGGAGACGGGGAGCCGGGGAGGCGGCTGCGCGGCGGCGACGGCAGCGAGCCCG
 CGAGAGCAGCTCGCTGCACATCTGCCACTGCTGCAACACCTCCTCGTGCTACTGGGGCTGCCGCTCCGCC
 TGCCTGCGCTCGCTGCTGGGCAAGAAGCCGCGCGCAGCGCCGCCGCGCGCGGAGGGGGGACGAGCCGC
 TGCAGCGCCCGGGGAGCGCGCCGCCACCCCCGACGCCCTCGGCCGGCGGACCGCAGCCCGCGTCCGC
 GCAGGTGGAGCGGCCGTGGCTTACTGCTGTGGATCGTGCTAGCGCTGCTGGTGTCTTCGGGGACGTG
 GGTACCGACCTGTGGCTGGCCCTCGACTACTACCGCAAGGGGACTACGGCTGCTTCGGGCTGACCTGT
 TCTTCGTGCTGGTCCGTCGCTGCTGGTGCAGAGCCTGAGCTTCCGCTGGTTCGTGCAGGACTACACGGG
 CGCGGGCTGGGCGCCGTGGAGGGGCTCAGCAGCCGGGGACCCCAATGATGGGGGCCGGCTATGGCCAC
 GCGCGGCTCGCGCGCGCCGGGCGCGGGGGCTCGGCCACCCCGGGGGCGCAGCGTCTGTGCCGCTCT
 CCGTGTGGATCTGGCAGTCGGTCATCCACCTGCTGCAGATGGGGCAGGTGTGGAGGTATATCCGCACCAT
 GTACCTGGGGATTAGAGCCAGCGGCAGAGGAACACCGCGCGCTTCTACTGGGCTATGATGTACGAA
 TATGCAGATGTCAACATGCTGCGCTCCTGGAGACCTTCTGGAGAGCGCCCCCACTGGTGCTACAGC
 TCTGCATAATGATCCAGAAGAAGTGCAGAGACGCTGCCCTGTGTCTCTCTGTGACTTCCCTGATGTC
 CCTGGCTTGGGTGCTAGCTTCTATCACAAGCTGCTGCGGGACTCCAGGGACGACAAGAAGAGCATGAGT
 TACAGAGGGGCCCTCATCCACCTCTTCTGGCGCTCTTACCATCTCATCCGAGTTATCTCTTTCGCCC
 TCTTTGCTTCCATCTTCCAGCTGTATTTCCGGATCTTCTGGTGGTGCAGTGGTGCCTATGGCCTTCTG
 GATCATCCATGGTGGGACAGACTTCTGCATGTCCAAGTGGGAGGAGATCCTCTTCAACATGGTGGTAGGG
 ATCGTGTACATTTCTGCTGGTTAACGTCAAGGAAGGGCGGACTCGATATCGAATGTTCCGATACTATA
 CGATAGCTTGACCGAGAATGCTGCCTTACGTTCTTTGGTATTTTACAGAAATCCGGAGAGCACTGA
 CTCCTATGCCGTGCCAGCACTGTGTGTCTTCGTTAGCTTTGTGGTGGGATTACGCTCATGCTCTTA
 TACTATGGCGTGTGATCCCATGGGGCCGCGGCTAAGGTCTTGGCAGCTCCTGTTGTCCGAGCTGC
 TCTGGGGCATCCCTTGGCCCTGATGTTGAGCCTATGGACCTCAGACCCCTGGGTACCGGGGACCCA
 GGTACGCCCCACGAGCCGTGACGGAACAGCAGGAGGACCTCACGGCTGATACTTGCCTGCCGATTC
 CAAGTGAGACCCATGGGGCCCTTACCCCTCAGGGCGTCTTACCACCCAGAAGGGCCCTGATTAAGA
 TTGACATGCCAAGAAAGCGGTACCGGCCCTGGGATGCGCACTTTGTAGACAGGAGGCTGCGGAGGACTAT
 TAACATCTGCAGTACGTACCCCCACCGCAGTGGGCATTGCTACCGAGATGGGCTCTGCTCTATGAG
 CTGCTGCAGTATGAGTCTTCACT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012042

Insert Size: 1917 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_001012042.1](#), [NP_001012042.1](#)

RefSeq Size: 2835 bp

RefSeq ORF: 1917 bp

Locus ID: 305960

UniProt ID: [Q5GH57](#)

Cytogenetics: 15p12