

Product datasheet for **SC305690**

XKR4 (NM_052898) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	XKR4 (NM_052898) Human Untagged Clone
Tag:	Tag Free
Symbol:	XKR4
Synonyms:	XRG4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene ORF sequence for NM_052898 edited

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CTGGGAGGGAAGCCGGGGCGAAGGCGAAGAGGTGGCGGGAGGAGGACAGCGGGGAAAG
GTGTCAGATAAAGGAGGGCTCTCCTCCGGTGTGGAGGCATCATGGCCGCTAAATCAGACG
GGAGGCTGAAAATGAAGAAAAGCAGCGACGTGGCGTTCACCCCGCTGCAGAACTCGGACC
ACTCGGCTCGGTGCAGGGATTGGCTCCAGGCTTGCCGTGCGGGTTCGGGAGCCGAGGACG
AGGAGGCGGCCGGGGCGGCTGCTGCCCGACGCGCGGCTGCTCGCGTGTGCTGCTGCTGCT
GCTGCGCCGGGAGTGGCGGCTCCGCGGGCTCGGGCGGCTCCGGCGGCGTCCGCCGGCGTCC
GCGGCGCGGGGGCGGCTCGGCTGCGCTGTGCCTGCGCCTGGGCAGGGAGCAGCGGCGCT
ACTCACTGTGGACTGCCTCTGGATCCTGGCCGCGTGGCCGTGTAATTCGCGGACGTGG
GCACAGACGTCTGGCTCGCCGTGGACTACTACCTGCGCGGCCAGCGCTGGTGGTTCGGGC
TCACGCTCTTCTCGTGGTGTGCTCGGCTCTCTGTCGGTGAAGTTCAGCTTCCGCTGGT
TTGTGCACGATTTACGACCCGAGGACAGCGCCACGGCCGCTGCTGCCTCCAGCTGCCCGC
AGCCTGGAGCCGATTGCAAGACGGTGGTGGCGGTGGGTGTCAGCCGGGAAGGCGAGG
CTCGTCTTCCACGCCGAAAGGCAAGCATCTAACGCCAGCAAGCAACATCGCCGCGG
CCAACAGCGGCAGCAACAGCAGCGGGGCTACCCGGGCCAGTGGCAAGCACAGGTCTGCGT
CCTGCTCCTTCTGCATCTGGCTCCTGCAGTCACTCATCCACATCTTGCAGCTCGGGCAA
TCTGGAGATATTTCCACACAATATACTTAGGTATTCGAAGCCGACAGAGTGGGGAGAATG
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TGCTAGCCACCTTTCTGGAAAGTGTCCACAGCTGGTCTGCAGCTCTGCATTATCGTAC
AGACTCATAGCTTACAGGCCCTCCAAGGTTTACAGCGGCAGCTTCCCTCGTGTCCCTGG
CCTGGGCTTGGCCTCTACCAGAAGGCCCTCCGGGACTCTCGAGATGACAAGAAGCCCA
TCAGCTACATGGCCGTCATCATCCAGTTCTGCTGGCACTTCTTACCATCGCCGCCAGGG
TCATCACGTTTGGCCTCTTTCCTCGGTTTTCCAGCTGTACTTTGGGATCTTCATCGTCC
TTCAGTGGTGCATCATGACCTTCTGGATCGTCCACTGTGAGACAGAATTCTGTATACCA
AATGGGAAGAGATTGTGTTGACATGGTGGTGGGATTATCTATATCTTCAAGTGGTTCA
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AAAATACAGCCTTGAGTGCCCTCTGGTACCTCTACAAGGCTCCCCAGATTGCAGACGCAT
TTGCCATTCCAGCGCTGTGTGGTGTTCAGCAGCTTTTTAACTGGCGTTGTTTTATGC
TGATGTATTATGCCTTCTTTCATCCCAATGGACCCAGATTCGGGCAGTACCAAGTTGTG
CTTGTGAGGACCCAGCCGCTGCCTTCACTTTGCCCCAGACGTGGCCACAAGCACCCCTAC
GGTCCATCTCCAACAACCGCAGTGTGTCAGCGACCGGATCAGAAATTCGCAGAGCGGG
ATGGGTGTGTACCTGTCTTCAAGTGAAGCCCACTGCCCATCCACCCATCATCTCGCC
CACCACGATTGAAGAATCAGTCATTAATAATTGACTTGTTCAGGAATAGGTACCCAGCAT
GGGAGAGACATGTTTTGGACCGAAGCCTCCGAAAGGCTATTTAGCTTTTGAATGTTCCC
CATCTCTCCAAGGCTGCAGTACAAAGATGATGCCCTTATTCAGGAGCGGTTGGAGTACG
AAACCACCTTATAAAGCAAAAGGAGTTGCAGGACCCACAACATCCAGATGAAGGGGTGAC
AGCAGGG
    
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_052898 unedited NNAAAGGTTAAGGACTCCCGCTCTCAGCAAATCCCAGCCCTGTCAAACAACCTCTCTTCGC CATTTGGTGATACAGAATTCTCCCTCACAGCGGACCATCCACACGGTCATGATGCTCCAG TGACAGACGATGAAGATCCCAGAGCACAGCTGGACAACCGAGGCAAAGAGGGCACACGTG ATGACCCTGGCCGCGATTGCGAACAAAGTGCCGGCAGACCTGGATGATGACGGGCATGTAG CTGATGGGCTTCTTGTCATCTCGAGAGTCCAGCACGGCCTTCTGGTTTGAGGCCAATGCC CACGCCAGGGACACAATGGAAGCTGCCGCTGCGAAACCTTGGAGGACCTGCCTGCTATGA GTCTGTCTATAATGCAGTAGTCTGCTGGACCAGCTGTGTAGCACGTCTCCAGAAAGGTG GCTATCACATGCAGCATACTCACATCCGCATACTCATATAACATTTTCCATTACAAAACCT CCATCTGTCAATTCTCCCACTCTGTCGGCTTCTAATACCTAAGTATATTGTGTGGAATA TCATCCAGATTTGCCGAGCTGCATTATGTGGATGATTGACTGCATGAGCCAGATGCTGA AGGAGCAGGACGCACACCTGTGCTTGCCACTGGCCAGACTAGCCCCGCTGCTGTTGCTG CCGCTGTTGGCCGCCGATGTTGCTCTTGCTGGCGCTAGATGCTTGCCCTTTCGGCCGTG AATAGACGATCCATGTCCTGCCAGCTGCAGACTCACCGACGACCACCGTCTTGCAATCA GCGTCCAGCTGCCGTATCTGGTAGCAGCATCGGTCGTGGCGCTGCTCTGCGTGCTGTAC TCGTGCCTAACAGCAGTAGCTGAACACTTGCACCGACTGAGAC</p>
3' Read Nucleotide Sequence:	<p>>Forward primer walk for NM_052898 unedited NNAAAGGTTAAGGACTCCCGCTCTCAGCAAATCCCAGCCCTGTCAAACAACCTCTCTTCGC CATTTGGTGATACAGAATTCTCCCTCACAGCGGACCATCCACACGGTCATGATGCTCCAG TGACAGACGATGAAGATCCCAGAGCACAGCTGGACAACCGAGGCAAAGAGGGCACACGTG ATGACCCTGGCCGCGATTGCGAACAAAGTGCCGGCAGACCTGGATGATGACGGGCATGTAG CTGATGGGCTTCTTGTCATCTCGAGAGTCCAGCACGGCCTTCTGGTTTGAGGCCAATGCC CACGCCAGGGACACAATGGAAGCTGCCGCTGCGAAACCTTGGAGGACCTGCCTGCTATGA GTCTGTCTATAATGCAGTAGTCTGCTGGACCAGCTGTGTAGCACGTCTCCAGAAAGGTG GCTATCACATGCAGCATACTCACATCCGCATACTCATATAACATTTTCCATTACAAAACCT CCATCTGTCAATTCTCCCACTCTGTCGGCTTCTAATACCTAAGTATATTGTGTGGAATA TCATCCAGATTTGCCGAGCTGCATTATGTGGATGATTGACTGCATGAGCCAGATGCTGA AGGAGCAGGACGCACACCTGTGCTTGCCACTGGCCAGACTAGCCCCGCTGCTGTTGCTG CCGCTGTTGGCCGCCGATGTTGCTCTTGCTGGCGCTAGATGCTTGCCCTTTCGGCCGTG AATAGACGATCCATGTCCTGCCAGCTGCAGACTCACCGACGACCACCGTCTTGCAATCA GCGTCCAGCTGCCGTATCTGGTAGCAGCATCGGTCGTGGCGCTGCTCTGCGTGCTGTAC TCGTGCCTAACAGCAGTAGCTGAACACTTGCACCGACTGAGAC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_052898
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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_052898.1](#), [NP_443130.1](#)

RefSeq Size: 3925 bp

RefSeq ORF: 1953 bp

Locus ID: 114786

UniProt ID: [Q5GH76](#)

Cytogenetics: 8q12.1

Protein Families: Transmembrane