

Product datasheet for **SC317753**

XKR3 (NM_175878) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	XKR3 (NM_175878) Human Untagged Clone
Tag:	Tag Free
Symbol:	XKR3
Synonyms:	XRG3; XTES
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_175878, the custom clone sequence may differ by one or more nucleotides <pre> ATGGAGACAGTGTGTTGAAGAGATGGATGAAGAAAGCACAGGAGGAGTTTCATCTTCGAAA GAAGAAATAGTCCTTGCCAGAGACTCCATCTAAGCTTTCCTTTTAGCATTATCTTCTCA ACTGTTCTCTACTGTGGTGAGGTTGCCTTTGGTTTATACATGTTTGAAATTTATCGAAAA GCTAATGACACATTCTGGATGTCATTTACCATCAGCTTTATTATTGTGGGGGCAATTTTG GATCAAATATCCTGATGTTTTTCAACAAAGACTTGAGGAGAAAATAAGGCTGCATTACTT TTTTGGCACATTCTCTTTTAGGACCTATTGTGAGGTGTTGCACACCATTAGAAATTAC CACAAATGGTTGAAAAATCTTAAACAGGAGAAGGAAGAGACTCAAGTTAGCATCACAAG AGAAACACGATGCTGGAAGGGAGATTGCATTCTCAATCCGGGATAATTTTCATGCAGCAG AAGGCTTTCAAGTACATGTCAGTGATTCAGGCTTTTCTCGGTTCTGTTCCACAATTAATT TTGCAGATGTATATCAGTCTCACTATACGAGAATGGCCTTTGAATAGAGCATTGCTGATG ACATTTTCCCTGTTATCAGTTACTTATGGGGCCATTTCGCTGCAATATACTGGCCATCCAG ATCAGCAATGATGATACTACCATTAAGCTACCGCCGATAGAATTTCTTGTGTCGTGATG TGGCGTTTTTTGGAGGTTATCTCACGTGTAGTGACTCTGGCATTTCATTGCATCTCTG AAACTGAAGAGCCTACCGTTTTGTTAATCATATATTTTGTATCATTGTTGGCACCGTGG CTGGAGTTTTGGAAAAGTGGAGCTCATCTTCTGGCAACAAAGAAAATAATTCCAATATG GTGGGTACAGTACTGATGCTTTTCTTGATCACACTGCTATATGCTGCCATCAACTTCTCC TGCTGGTCAGCAGTGAACTGCAGTTGTCAGATGACAAAATAATTGACGGGAGACAGAGG TGGGGCCATAGAATCCTACACTACAGCTTTTCAGTTTTTAGAAAATGTGATAATGATATTG GTATTTAGGTTCTTTGGAGGGAAAACCTTGCTGAATTGTTGTGACTCATTAATTGCCGTG CAGCTCATCATAAGCTACCTATTGGCCACTGGCTTTATGCTCCTCTTCTATCAGTATTTG TACCCATGGCAGTCAGGCAAGTGTGTCAGGACGTAAGTAAATCAGCCAGAAGCACCG TACTATTATGTAACATCGAGAAAAGTGAAGAAATAAAATAAGCAGCTGAGGAATTAC TGTCACCTCTGCAATAGGTTGGATATTTTCAATCAGAAAAAGTATGACATGTTCA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_175878



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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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_175878.3, NP_787074.2</u>
RefSeq Size:	1700 bp
RefSeq ORF:	1380 bp
Locus ID:	150165
UniProt ID:	<u>Q5GH77</u>
Cytogenetics:	22q11.1
Protein Families:	Transmembrane
Gene Summary:	XKRX (MIM 300684) and XKR3 are homologs of the Kell blood group precursor XK (MIM 314850), which is a putative membrane transporter and a component of the XK/Kell complex of the Kell blood group system (Calenda et al., 2006 [PubMed 16431037]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.