

Product datasheet for **SC325252**

XPR1 (NM_001135669) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	XPR1 (NM_001135669) Human Untagged Clone
Tag:	Tag Free
Symbol:	XPR1
Synonyms:	IBGC6; SLC53A1; SYG1; X3
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001135669, the custom clone sequence may differ by one or more nucleotides

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ATGAAGTTCGCCGAGCACCTCTCCGCGCACATCACTCCCAGTGGAGGAAGCAATACATC
CAGTATGAGGCTTTCAAGGATATGCTGTATTAGCTCAGGACCAGGCACCTTCTGTGGAA
GTTACAGATGAGGACACAGTAAAGAGGTATTTTGCCAAGTTTGAAGAGAAGTTTTTCCAA
ACCTGTGAAAAAGAACTTGCCAAAATCAACACATTTTATTCAGAGAAGCTCGCAGAGGCT
CAGCGCAGGTTTGCTACACTTCAGAATGAGCTTCAGTCATCACTGGATGCACAGAAAGAA
AGCACTGGTGTTACTACGCTGCGACAACGCAGAAAGCCAGTCTTCCACTTGTCATGAG
GAACGTGTCCAACATAGAAATATTAAGACCTTAACTGGCCTTCAGTGAGTTCTACCTC
AGTCTAATCCTGCTGCAGAACTATCAGAATCTGAATTTTACAGGGTTTCGAAAAATCCTG
AAAAAGCATGACAAGATCCTGGAAACATCTCGTGGAGCAGATTGGCGAGTGGCTCACGTA
GAGGTGGCCCCATTTTATACATGCAAGAAAATCAACCAGCTTATCTGAAAAGTGGGCT
GTAGTGACCAATGAAGTGAAGATGGTGACAGACAAAAGGCTATGAAGCGTTTACGTGTC
CCCCCTTTGGGAGCTGCTCAGCCTGCACCAGCATGGACTACTTTTAGAGTTGGCCTATTT
TGTGGAATATTCATTGACTGAATATTACCCTTGTGCTTGCCGCTGTATTTAACTTGAA
ACAGATAGAAGTATATGGCCCTTGATAAGAATCTATCGGGGTGGCTTTCTTCTGATTGAA
TTCTTTTTTCTACTGGGCATCAACACGTATGGTTGGAGACAGGCTGGAGTAAACCATGTA
CTCATCTTTGAACTTAATCCGAGAAGCAATTTGTCTCATCAACATCTCTTTGAGATTGCT
GGATTCTCGGGATATTGTGGTGCCTGAGCCTTCTGGCATGCTTCTTTGCTCCAATTAGT
GTCATCCCCACATATGTGTATCCACTTGGCCTTTATGGATTTATGGTTTTCTTCCTTATC
AACCCACAAAACCTTTCTACTATAAATCCCGTTTTGGCTGCTTAACTGCTGTTTCGA
GTATTTACAGCCCCCTCCATAAGGTAGGCTTTGCTGATTTCTGGCTGGCGGATCAGCTG
AACAGCCTGTCACTGATACTGATGGACCTGGAATATATGATCTGCTTCTACAGTTTGGAG
CTCAAATGGGATGAAAGTAAGGGCCTGTTGCCAAATAATTCAGAAGAACGAGGTCACCTCG
GACACTATGGTGTCTTTTACCTGTGGATTGTCTTTTATATCATCAGTTCCTGCTATACC
CTCATCTGGGATCTCAAGATGGACTGGGGTCTCTTCGATAAGAATGCTGGAGAGAACACT
TTCTCCGGGAAGAGATTGTATACCCCAAAAAGCCTACTACTACTGTGCCATAATAGAG
GATGTGATTCTGCGCTTTGCTTGGACTATCCAAATCTCGATTACCTCTACAACCTTTGTTG
CCTCATTCTGGGGACATCATTGCTACTGTCTTTGCCCACTTGAGGTTTTCCGGCGATTT
GTGTGGAACCTTCTCCGCTGGAGAATGAACATCTGAATAACTGTGGTGAATCCGTGCT
GTGCGGGACATCTCTGTGCCCCCTGAACGCAGATGATCAGACTCTCCTAGAACAGATG
ATGGACCAGGATGATGGGTACGAAACCGCCAGAAGAATCGGTGATGGAAGTACAACCAG
AGCATATCCCTGCGCCGGCTCGCTCGCTTCTCAATCCAAGGCTCGTGACACTAAGGTA
TTGATAGAAGACACAGATGATGAAGCTAACACT
    
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Restriction Sites: Please inquire
ACCN: NM_001135669

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	<p>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.</p>
Components:	<p>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).</p>
Reconstitution Method:	<ol style="list-style-type: none">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:	<p>NM_001135669.1, NP_001129141.1</p>
RefSeq Size:	<p>8305 bp</p>
RefSeq ORF:	<p>1896 bp</p>
Locus ID:	<p>9213</p>
UniProt ID:	<p>Q9UBH6</p>
Cytogenetics:	<p>1q25.3</p>
Protein Families:	<p>Druggable Genome, Transmembrane</p>
Gene Summary:	<p>The protein encoded by this gene is a receptor for the xenotropic and polytropic classes of murine leukemia viruses. The encoded protein is involved in phosphate homeostasis by mediating phosphate export from the cell. Defects in this gene have been associated with idiopathic basal ganglia calcification-6. [provided by RefSeq, Jun 2016] Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>