

Product datasheet for **SC117184**

XPR1 (NM_004736) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	XPR1 (NM_004736) Human Untagged Clone
Tag:	Tag Free
Symbol:	XPR1
Synonyms:	IBGC6; SLC53A1; SYG1; X3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_004736, the custom clone sequence may differ by one or more nucleotides

```
ATGAAGTTCGCCGAGCACCTCTCCGCGCACATCACTCCCAGTGGAGGAAGCAATACATCCAGTATGAGG
CTTTCAAGGATATGCTGTATTCAAGTCCAGGACCAGGCACCTTCTGTGGAAGTTACAGATGAGGACACAGT
AAAGAGGTATTTTGCCAAGTTTGAAGAGAAGTTTTTCCAACCTGTGAAAAAGAACTTGCCAAAATCAAC
ACATTTTATTAGAGAAGCTCGCAGAGGCTCAGCGCAGGTTTGCTACACTTCAGAATGAGCTTCAGTCAT
CACTGGATGCACAGAAAGAAAGCACTGGTGTACTACGCTGCGACAACGCAGAAAGCCAGTCTTCCACTT
GTCCCATGAGGAACGTGTCCAACATAGAAATATTAAGACCTTAAACTGGCCTTCAGTGAGTTCTACCTC
AGTCTAATCCTGCTGCAGAACTATCAGAATCTGAATTTTACAGGGTTTCGAAAAATCCTGAAAAAGCATG
ACAAGATCCTGGAACATCTCGTGGAGCAGATTGGCGAGTGGCTCACGTAGAGGTGGCCCATTTTATAC
ATGCAAGAAAATCAACCAGCTTATCTGAAACTGAGGCTGTAGTGACCAATGAAGTGAAGATGGTGAC
AGACAAAAGGCTATGAAGCGTTTACGTGTCCCCCTTTGGGAGCTGCTCAGCCTGCACCAGCATGGACTA
CTTTTAGAGTTGGCCTATTTTGTGAATATTCATTGACTGAATATTACCCTTGTGCTTGCCGCTGTATT
TAAACTTGAAACAGATAGAAGTATATGGCCCTTGATAAGAATCTATCGGGGTGGCTTTCTCTGATTGAA
TTCCTTTTTCTACTGGGCATCAACACGTATGGTTGGAGACAGGCTGGAGTAAACCATGACTCATCTTTG
AACTTAATCCGAGAAGCAATTTGTCTCATCAACATCTCTTTGAGATTGCTGGATTCTCGGGATATTGTG
GTGCTGAGCCTTCTGGCATGCTCTTTGCTCCAATTAGTGTCATCCCCACATATGTGTATCCACTTGCC
CTTTATGATTTATGGTTTTCTCCTTATCAACCCACCAAACTTTCTACTATAAATCCCGTTTTTGGC
TGCTTAAACTGCTGTTTCGAGTATTTACAGCCCCTTCCATAAGGTAGGCTTTGCTGATTCTGGCTGGC
GGATCAGCTGAACAGCCTGTCAGTGATACTGATGGACCTGGAATATATGATCTGCTTCTACAGTTTGGAG
CTCAAATGGGATGAAAGTAAGGGCCTGTTGCCAAATAATTCAGAAGAATCAGGAATTTGCCACAAATATA
CATATGGTGTGCGGCCATTGTTCAAGTGCATTCCTGCTTGGCTTCGCTTCCAGTGCCTGCGCCGATA
TCGAGACACAAAAAGGGCCTTCTCATTAGTTAATGCTGGCAATACTCCACAACCTTTCTTCATGGTG
ACGTTTGCAGCCCTTACAGCACTCACAAAGAACGAGGCTCACTCGGACACTATGGTGTCTTTTACCTGT
GGATTGTCTTTTATCATCAGTTCCTGCTATACCCTCATCTGGGATCTCAAGATGGACTGGGGTCTCTT
CGATAAGAATGCTGGAGAGAACTTCTCCTCGGGAAGAGATTGTATACCCCAAAAAGCCTACTACTAC
TGTGCCATAATAGAGGATGTGATTCTGCGCTTTGCTTGGACTATCCAAATCTCGATTACCTTACAACCT
TGTTGCCTCATTCTGGGACATCATTGCTACTGTCTTTGCCCACTTGAGGTTTTCCGGGATTTGTGTG
GAACCTTCTCCGCTGGAGAATGAACATCTGAATAACTGTGGTGAATCCGTGCTGTGCGGGACATCTCT
GTGGCCCCCTGAACGCAGATGATCAGACTCTCCTAGAACAGATGATGGACCAGGATGATGGGGTACGAA
ACCGCCAGAAGAATCGGTATGGAAGTACAACCAGAGCATATCCCTGCGCCGGCCTCGCCTCGCTTCTCA
ATCCAAGGCTCGTGACACTAAGGTATTGATAGAAGACACAGATGATGAAGCTAACACTTGA
```

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004736 unedited TCAAAATTTGTAACGACTCATATAGGGCGGCCGGAATTCGCACGAGGGGCAGGATGAA GTTCGCCGAGCACCTCTCCGCGCACATCACTCCCGAGTGGAGGAAGCAATACATCCAGTA TGAGGCTTTCAAGGATATGCTGTATTAGCTCAGGACCAGGCACCTTCTGTGGAAGTTAC AGATGAGGACACAGTAAAGAGGTATTTTGCCAAGTTTGAAGAGAAGTTTTTCCAAACCTG TGA AAAAGA AACTTGCCAAAATCAACACATTTTATTCAGAGAAGCTCGCAGAGGCTCAGCG CAGGTTTGCTACACTTCAGAATGAGCTTCAGTCATCACTGGATGCACAGAAAAGAAAGCAC TGGTGTTACTACGCTGCGACAACGCAGAAAGCCAGTCTTCCACTTGTCATGAGGAACG TGTC AACATAGAAATATTAAAGACCTTAAACTGGCCTTCAGTGAGTTCTACCTCAGTCT AATCCTGCTGCAGAACTATCAGAATCTGAATTTTACAGGGTTTCGAANAATCCTGAANA GCATGACAAGATCCTGGAACATCTCGTGGAGCAGATTGGCGAGTGGCTCACGTAGAGGT GGCCCCATTTTATACATGCAAGAAAATCAACCAGCTTATCTGANACTGAGGCTGTAGT GACCAATGA AACTGAAGATGGTGACAGACAAAAGGCTATGAAAGCGTTTACGTGTCCCC CCTTTGGGAGCTGCTCAGCCTGCACCAGCATGGACTACTTTTTAGAGTTGGGGCCTATTT GTGGGAATATTCATTGTACTGAAATATACCCTTTGTGCTGCCGCTGATTTAAACTGGAA CAGATAGAAGTTATGGCCCTTGNATAGATCTATCGGGGTGGCTTTCTCTGANTGAATTCN TTTTCTACTGGCATCACCGTATGGTGGAGACAGGCTGGAGTAACC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004736 unedited CGGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TAAAAAGGGCTTTGGATACACATTAGTCCCAATTTTATTTATATAAAAAATGCCTGG CCCACTGGACTTTTCAATTA AACTCAGAAATAATTACGGGTGTTTTTTGACAAACCAGGG ATTTTTCCCCATAGTTTTAAAGTACAAAAACAAAATAGTTGGGGGAAAAAATCTCAA GTTTAAATAATGCAACCTTTAACCTACCAAGGGTCACTAAATGGTTAACACTGATTATTA TAAAGGATTCAATTTATTTAAACTAAAAAGCATTAAATTAACATTTTCTTTTCCATTGGG GCCAGGGGACATGCTTAACAAAACACAAAAAAGCATTAGAAGCCCAAAGTTGTTTGATTT TTTAGAAAACAAACCAACCAAAAAA AACTCGATTCAAAAAGGGACACATTTTGGGAA CTAGTCAAAAATAAAGATGGAAAAA AACTTTTAAAAAAA AACTATTTGTGAGTTAATTGA TAAAAATTTTTAGTAAACAGTAACTTTTACTGGAGTTACAACAGGGATGGGTCAAGACTT GTAATACATGGGTGGAAGTGCTGATGATANGAAGTGATTAAGGGCAGTAACCGAATGT TTTGACTAAGCGAAGGGTAATAGCTGCCCTTCCACTAATTGGGTCCTTTGTTTATAATNA AGCTGAAAATTTAGGACTAAATTA CTTTCATGAACGGCTGGTATGGACTTTGAAATTTCA TTGGGGTCTGGGGGTTATAAAACCATTTTACCATGTCTGGAATTATATTAATTTGGTAG ATAAGAAGGCTAAATTAGTGCACCATTNCATAAGTAAATCTTTTGGTTTCAGGCTATTN GGTGACTAGGAACAGGGAAATTGAAACAAAGTGCATGGGACTGGGGAAAA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_004736
Insert Size:	4230 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:	<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:	NM_004736.2 , NP_004727.2
RefSeq Size:	4546 bp
RefSeq ORF:	2091 bp
Locus ID:	9213
UniProt ID:	Q9UBH6
Cytogenetics:	1q25.3
Domains:	SPX, EXS
Protein Families:	Druggable Genome, Transmembrane
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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>