

## Product datasheet for **RN205402**

### **Xpr1 (NM\_001105992) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Xpr1 (NM_001105992) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xpr1
Synonyms:	SLC53A1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205402 representing NM\_001105992  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGTTCGCCGAGCACCTCTCCGCGCACATCACTCCCGAGTGGAGGAAGCAGTACATCCAGTATGAGG  
 CATTCAAGGATATGCTGTATTCAGCTCAGGACCAGGCACCTTCTGTGGAAGTTACAGATGAGGATACAGT  
 TAAGAGATATTTTCCAAGTTTGAAGAAAAGTTTTTCCAACCTGTGAAAAGGAACCTGCCAAAATCAAC  
 ACATTTTATTCAGAGAAGCTGGCGGAAGCTCAGCGCAGGTTTGCTACACTTCAGAATGAGCTTCAGTCAT  
 CACTGGATGCGCAGAAAGAAAGCACTGGTGTCAACAATTGCGGCAACGCAGGAAGCCAGTGTCCACCT  
 GTCCCATGAGGAGCGTGTCCAACATAGGAATATTAAGACCTTAAGCTGGCCTTCAGCGAGTTCTACCTC  
 AGTCTCATCTGCTGCAGAACTATCAGAATCTGAATTTACAGGGTTTCGAAAAATCCTTAAAAAGCATG  
 ACAAGATCCTGGAACATCTCGTGGAGCAGATTGGCGAGTGGCTCATGTGGAGGTGGCCCCATTTATAT  
 ATGCAAGAAAATCAACCAGCTCATTTCTGAGACAGAGGCTGTGGTCACCAATGAACCTGAAGATGGCGAC  
 AGACAAAAGGCTATGAAGCGATTACGGGTCCTCCGTTGGGAGCTGCTCAGCCTGCACCAGCATGGACTA  
 CTTTTAGAGTCGGCCTGTTTTTGAATATTCATTGTGCTGAATATTACTCTTGTGTTTGCAGCTGTATT  
 TAAACTTGAAACAGATAGAAGTGTATGGCCCTTGATAAGAATCTATCGGGGTGGCTTTCTTCTGATTGAA  
 TTCCTTTTTCTACTGGGCATCAACACATATGGTTGGAGACAAGCTGGAGTAAATCATGTCCTCATCTTTG  
 AACTTAATCCAAGAAACAATTTGTCTCATCAGCATCTCTTTGAGATTGCTGGATTCTGGGGATATTATG  
 GTGCCTGAGCCTTCTGGCATGCTCTTTGCTCCAATTAGTATCATCCCTATATATGTGTATCCTCTTGCC  
 CTTTATGGGTTTATGGTCTTCTTTTCAACCCACCAAACTTTCTACTATAAATCCAGATTTTGGC  
 TGCTTAAACTTCTGTTTCGAGTATTTACTGCTCCCTTCCATAAGGTAGGCTTTGCTGATTTCTGGCTGGC  
 CGATCAGCTGAACAGCCTGTGAGTATTCTCATGGACCTGGAATATATGATCTGCTTTTACAGTTTTGAG  
 CTTAAATGGGATGAGAGTAAGGGCCTGTTGCCAATGATCCGCAAGAACCAGAATTTGCCACGGATATA  
 CGTACGGTGTGCGAGCCATTGTTCAAGTGCATTCTGCTTGGCTTCGATTCATCCAGTGCCTGCGCCGGTA  
 CCGTGACACAAGAAGAGCCTTTCCTCATCTAGTAAACGCTGGCAAACTCTACGACTTTCTTACCCTG  
 ACATTTGCAGCCCTTACAGCACTCACAAAGAACGAGGTCCTGACACCATGGTGTCTTTTACCTGT  
 GGGTCGCTTTTGTATCATCAGTTCCTGCTATACCCTCATCTGGGATCTCAAGATGGACTGGGGTCTCTT  
 TGATAAGAATGCAGGAGAAAACACTTTCCTCCGGAAGAAATTGTATACCCTCAAAAAGCTTACTACTAC  
 TGTGCCATCGTAGAAGACGTGATTCTGCGCTTTGCTGGACTATCCAGATCTCTATTACTGCTACAATT  
 TTAAGCCTCATGTTGGGGATATCATAGCTACTGCTTTGCCCCCTTGGAGTTTTCCGGCGATTTGTGTG  
 GAACTTCTTCGCTGGAGAATGAGCATCTAAACAACGTGGTGAATCCGTGCCGTGCGAGACATCTCT  
 GTGGCCCCCTCAATGCAGATGACCAGACACTACTCGAGCAGATGATGGACCAGGAGGATGGGGTGGGA  
 ACCGCCAGAAGAGCCGTCGTGGAAATACAACCAGAGCATATCCCTGCGCCGGCTCGCCTGCCTCCCA  
 ATCCAAGGCTCGAGACACTAAGGTATTGATAGAAGACACAGATGACGAAGCTAACACT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001105992  
**Insert Size:** 2091 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001105992.1, NP_001099462.1</u>
<b>RefSeq Size:</b>	2410 bp
<b>RefSeq ORF:</b>	2091 bp
<b>Locus ID:</b>	289424
<b>Cytogenetics:</b>	13q21