

## Product datasheet for **RN215657**

### Xpot (NM\_001108102) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Xpot (NM_001108102) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xpot
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215657 representing NM\_001108102  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGACGAGCAGGCTCTTTGGGGTTAAATCCGAATGCCGATTAGACTTTAGACAAAGGGCCCTGGCTT  
 ATTTTGAGCAGTTAAAGATTTCCCAGATGCCTGGCAGGTGTGTGCAGAGGCTCTAGCACAGAAGACATA  
 CAGTGATGATCACGTAAGTTTTTCTGCTTCCAAGTTTTAGAGCATCAAGTTAAATACAAGTACTCAGAG  
 CTCAGCACTGCTCAGCAACAGCTCATCAGGGGGACGCTTCTCTCATGGCTTACGGCTCAGATGCTGAATC  
 CCCAGCCAGAGAAGACCTTCATCCGAAACAAAGCAGCCAAAGTCTTCGCCTTGCTCTTTGTTACAGAGTA  
 TCTCACTAAATGGCCCAAGTTTTTTTTGACATTCTCAGTTGTGGACCTAAACCAAGGGGAGTGGAT  
 CTGTACCTGCGAATCCTCATGGCCATCGATTAGAGCTGGTGGACCGGGATGTGGTTCATACATCAGAGG  
 CAAGTAACTTCGGTGCACGGGTTTGGAGCTCGCAGGAATACTCTGATAAAAGATACCATGAGGGAACA  
 GTGCATCCAAAATCTGGTGAATCGTGGTACCAGATTCTACACAATTACCAGTATACTAATTCAGAAGTG  
 CTGTGCCAGTGCCTTGAAGTAGTTGGGGCTTACGTCCTCGATAGACTTATCCCTTATAGCCAATGATA  
 GTTTTATAAATATGCTGCTAGGTCATATGTCAGTAGAAGTTCTACGAGAAGAAGCATGTGACTGTTTGT  
 TGAAATTTGAAATAAAGGGATGGACCCTGTGGACAAGTGAAGTACTAGTAGAATCCTTGTGTCAAGTATTG  
 CAGACTGCGGGTTTTTTCAGCATTGATCAGGAAGAAGATTTGGACTTTGTGGCCAGATTTTCAAGCTGG  
 TAAATGGAATGGGACAGTCGTTAATAGTTAGCTGGACTAAATTAAGTAAAGTGGGGCTGTCAAGAAATGC  
 TCAAGAGGCAGTGAAGCTATTGAGACCAAGTGGCCTTATGTTACAGCTGCTAGTTCATGAGGACGAT  
 GACATTTCTCCAACATCATTGGGTTTTGTTACGATTATCTCCATATCCTGAAACAGCTTTCAGTGCTCT  
 CGGATCAGCAAAAAGCTAATGTAGAGGCAATCATGTTGGCCGTTATGAAAAAATTGACCTATGATGAAGA  
 ATATAACTTTGAAAATGAGGGTGAAGATGAAGCCATGTTTGTAGAATACAGAAAAACAGCTGAAGTACTG  
 TTGGACAGACTTGCAGGTTGCCAGAGCTGGTGTGGCTTCTGTTCCGCCAGTCTTACGCGCCACGC  
 TGCAGAACTGGCAGACCACGCGCTTTCATGGAAGTTGAAGTAGCAGTGAGATTGCTGTACATGCTGGCGGA  
 AGCTCTCCCGGTGCCATGGCGCTCACTTCTCAGGTGACGTGTCAAAGCGAGTCTTTCAGGACATG  
 ATGCGGACGTTGGTAACATCAGGAGTCAGTTCCTACCAGCACACATCTGTGACCTGGAGTCTTTGAAA  
 CTGTGCTTCGCTATGAGAAGTTTTTACAGTTGAACCTCAGCACATCCCCTGTGACTAATGGCTTTCTT  
 AGATCACAGAGGTCGTGGCATTCCAGTCTAAAGTCCGGAGCAGAACTGCCTACCTGTTTTCTAGATTT  
 GTCAGTCTCTCAATAACAAATGAATCCTTACATTGAGGATATATTGAATAGAATACAGGATTTATTAG  
 CCCTTTCTCCACCGAGAATGGGTACCAGTCTTGTGCTGAGTAGCGACGACCAGCTCTTATTATGAAAC  
 AGCCGGGGCGCTGATTGTTAACAGCGAATACCCCGCAGAACATAAGCAGGCCCTAATGAAGGACCTCTTG  
 ACGCCACTGATGGAGAGGTTAAGGTTCTGTTGGAAAAGCTGATGATGGCCAGGATGAAGAGAGACAAG  
 TATCTCTTGACAGATAGTCTCAACCACGCGGTTGGATTTCGCAGGTTCTTCCAGAGAGCAAAGCCCTAG  
 GACTGGTCTCCCGGCCCGCGGTGATCAGGAGCTCCAGTTCATAATTTATAAAGAAGCAGTTCGTGTG  
 TACCATTTACATTGGTCTGTACACTGCTTCCAGCATATTGCGGTGTATGTGGGATTTTCTGAAAAATGG  
 GTGTAATTTTTCCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM\_001108102

Insert Size: 2187 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_001108102.1, NP_001101572.1</u>
<b>RefSeq Size:</b>	3510 bp
<b>RefSeq ORF:</b>	2187 bp
<b>Locus ID:</b>	314879
<b>Cytogenetics:</b>	7q22