

Product datasheet for **MR227402**

Xpr1 (NM_011273) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xpr1 (NM_011273) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Xpr1
Synonyms:	Rmc-1; Rmc1; Sxv; Syg1; XR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR227402 representing NM_011273
 Red=Cloning site Blue=ORF Green=Tags(s)

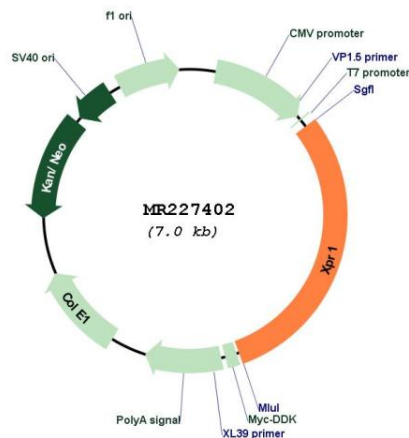
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGTTCGCCGAGCACCTCTCCGCGCACATCACTCCCGAGTGGAGGAAGCAGTACATCCAGTATGAGG
 CATTCAAGGATATGCTGTATTCAGCTCAGGACCAGGCACCTTCAGTTGAAGTTACAGATGAGGATACAGT
 TAAGAGATATTTTCCAAGTTTGAAGAAAAGTTTTTCCAACCTGTGAAAAGGAACCTTGCCAAAATCAAC
 ACATTTTATTCAGAGAAGCTGGCAGAGGCTCAGCGCAGGTTTGCTACACTTCAGAATGAGCTTCAGTCAT
 CGCTGGATGTGCAGAAAAGAAAGCAGTGGTGTACGACATTGCGACAGCGCAGAAAAGCCAGTGTCCACCT
 GTCCCACGAGGAGCGTGTCCAACATAGGAACATTAAGACCTTAAGCTGGCCTTCAGCGAGTTCTACCTC
 AGTCTCATCTGTGCAGAACTATCAGAATCTGAATTTTACAGGGTTTCGAAAAATCCTCAAAAAGCATG
 ACAAGATCCTGGAACATCTCGTGGAGCAGATTGGCGAGTGATTATGTAGAGGTGGCCCCATTTTATAC
 ATGCAAGAAAATTAACCAGCTCATTTCTGAGACTGAGGCTGTGGTCACCAATGAACCTGAAGATGGTGAC
 AGACAAAAGGCTATGAAGCGGTTACGGGTCCTCCATTGGGAGCTGCTCAGCCTGCACCAGCATGGACTA
 CTTTTAGAGTTGGCCTATTTTGTGGAATATTCATTGTGCTGAATATTACCTTGTGTTTGCAGCTGTATT
 TAAACTTGAAACAGATAGAAGTGTATGGCCCTTGATAAGAATCTATCGGGGTGGCTTTCTTCTGATTGAA
 TTCCTTTTCTACTGGGCATCAACACATATGGTTGGAGACAAGCTGGAGTAAATCATGTCCTCATCTTTG
 AACTTAATCCAAGAAACAATTTGTCTCATCAGCATCTCTTTGAGATTGCTGGATTCTGGGGATCTTGTG
 GTGCCTGAGCCTTCTGGCATGCTTCTCGCTCAAATTAGTATCATCCCTATATATGTGTATCCACTAGCC
 CTTTATGGGTTTATGGTCTTCTTTTCAACCCACCAAACTTTCTACTATAAATCCAGATTTTGGC
 TGCTCAAACCTTCTGTTTCGAGTATTTACTGCTCCCTCCATAAGGTAGGCTTTGCTGATTTCTGGCTGGC
 CGATCAGCTGAACAGCCTGTCAAGTATTCTCATGGACCTGGAATATATGATCTGCTTCTACAGTTTTGAG
 CTTAAATGGGATGAGAGTAAGGGCCTGTTGCCAAATGATCCACAAGAACCAGAATTTTGCCACAATATT
 CATATGGTGTGCGAGCCATTGTTCAATGTATTCCAGCTTGGCTTCGCTTCATCCAGTGCCTGCGCCGGTA
 CCGTGACACGAGGAGGGCTTTTCTCATCTAGTAAATGCTGGCAAATACTCCACAACCTTTCTTACCCTG
 ACATTTGCAGCCCTTTACAGCACTCACGAAGAACAAAATCACTCTGACACCGTGGTGTCTTTTACCTGT
 GGGTCTTCTTTGTATCATCAGTTCCTGCTATACCCTCATCTGGGATCTCAAGATGGACTGGGTCTCTT
 TGATAAGAATGCAGGAGAAAACACTTTCTCCGGAAGAAATGTATACCCTCAAAAAGCCTATTACTAC
 TGTGCCATCATAGAAGATGTGATACTGCGCTTCGCTTGGACTATCCAAATCTCTATTACTGCTACGTTA
 AGCCTCATGTTGGGAACATCATTGCTACTGCTTTGCCCCCTTGAGGTTTTCCGGCGATTTGTGTGGAA
 CTCTCTCCGCTCTGGAGAACGAGCATCTAAATAACTGTGGTGAATTCGAGCCGTGCGGGACATCTGTG
 GCCCCCTCAACGCGGATGACCAGACACTTGTGAGCAGATGATGGACCAGGAGGATGGGTTCCGAAACC
 GCCAGAAGAACCAGTCTGGAAGTACAATCAGAGCATATCCCTGCGTAGGCCCGCTGGCTTCCCAATC
 CAAGGCTCGCGACACTAAGGTATTGATAGAAGACACAGATGACGAAGCTAACACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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:	<u>NM_011273.2</u> , <u>NP_035403.1</u>
RefSeq Size:	7651 bp
RefSeq ORF:	2088 bp
Locus ID:	19775
UniProt ID:	<u>Q9Z0U0</u>
Cytogenetics:	1 66.49 cM
MW:	82.2 kDa
Gene Summary:	Plays a role in phosphate homeostasis. Mediates phosphate export from the cell. Binds inositol hexakisphosphate (Ins6P) and similar inositol polyphosphates, such as 5-diphospho-inositol pentakisphosphate (5-InsP7); these are important intracellular signaling molecules (By similarity). Potential receptor for xenotropic and polytropic murine leukemia retroviruses (PubMed:10516044, PubMed:9988277).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR227402