

Product datasheet for **MR227402L4V**

Xpr1 (NM_011273) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Xpr1 (NM_011273) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Xpr1
Synonyms:	Rmc-1; Rmc1; Sxv; Syg1; XR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011273
ORF Size:	2085 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227402).
OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_011273.2 , NP_035403.1
RefSeq Size:	7651 bp
RefSeq ORF:	2088 bp
Locus ID:	19775
UniProt ID:	Q9Z0U0
Cytogenetics:	1 66.49 cM



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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]