

Product datasheet for **MR211101L3V**

Ocr1 (NM_177215) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ocr1 (NM_177215) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ocr1
Synonyms:	9530014D17Rik; BB143339; OCRL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_177215
ORF Size:	2703 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211101).
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_177215.3 , NP_796189.2
RefSeq Size:	5198 bp
RefSeq ORF:	2703 bp
Locus ID:	320634
UniProt ID:	Q6NVF0
Cytogenetics:	X A4



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Gene Summary:

Converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate. Also converts inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate. May function in lysosomal membrane trafficking by regulating the specific pool of phosphatidylinositol 4,5-bisphosphate that is associated with lysosomes. Involved in primary cilia assembly (By similarity).
[UniProtKB/Swiss-Prot Function]