

Product datasheet for **MR225770L4V**

II18r1 (NM_001161842) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	II18r1 (NM_001161842) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	II18r1
Synonyms:	II1rrp; II18ralpha
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001161842
ORF Size:	1116 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225770).
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_001161842.1 , NP_001155314.1
RefSeq Size:	1919 bp
RefSeq ORF:	1119 bp
Locus ID:	16182
Cytogenetics:	1 B



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Gene Summary:

Within the IL18 receptor complex, responsible for the binding of the proinflammatory cytokine IL18, but not IL1A nor IL1B. Involved in IL18-mediated IFNG synthesis from T-helper 1 (Th1) cells (By similarity). Contributes to IL18-induced cytokine production, either independently of SLC12A3, or as a complex with SLC12A3 (PubMed:26099046). [UniProtKB/Swiss-Prot Function]