

Product datasheet for **MR227592L4V**

II23r (NM_144548) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	II23r (NM_144548) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	II23r
Synonyms:	IL-23R
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144548
ORF Size:	1977 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227592).
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_144548.1 , NP_653131.2
RefSeq Size:	2488 bp
RefSeq ORF:	1980 bp
Locus ID:	209590
UniProt ID:	Q8K4B4
Cytogenetics:	6 C1



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Gene Summary:

Associates with IL12RB1 to form the interleukin-23 receptor. Binds IL23 and mediates T-cells, NK cells and possibly certain macrophage/myeloid cells stimulation probably through activation of the Jak-Stat signaling cascade. IL23 functions in innate and adaptive immunity and may participate in acute response to infection in peripheral tissues. IL23 may be responsible for autoimmune inflammatory diseases and be important for tumorigenesis (By similarity).[UniProtKB/Swiss-Prot Function]