

Product datasheet for **MR220916L4V**

Il12rb1 (NM_008353) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Il12rb1 (NM_008353) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Il12rb1
Synonyms:	CD212; IL-12R[b]
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008353
ORF Size:	2214 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220916).
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_008353.2 , NP_032379.2
RefSeq Size:	2873 bp
RefSeq ORF:	2217 bp
Locus ID:	16161
UniProt ID:	Q60837
Cytogenetics:	8 34.21 cM



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Gene Summary:

Functions as an interleukin receptor which binds interleukin-12 with low affinity and is involved in IL12 transduction. Associated with IL12RB2 it forms a functional, high affinity receptor for IL12. Associates also with IL23R to form the interleukin-23 receptor which functions in IL23 signal transduction probably through activation of the Jak-Stat signaling cascade.[UniProtKB/Swiss-Prot Function]