

Product datasheet for **MR227371L3V**

Il4ra (NM_001008700) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Il4ra (NM_001008700) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Il4ra
Synonyms:	CD124; Il4r
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001008700
ORF Size:	2433 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227371).
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_001008700.3
RefSeq Size:	5122 bp
RefSeq ORF:	2433 bp
Locus ID:	16190
UniProt ID:	P16382
Cytogenetics:	7 68.94 cM



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Gene Summary:

Receptor for both interleukin 4 and interleukin 13. Couples to the JAK1/2/3-STAT6 pathway. The IL4 response is involved in promoting Th2 differentiation. The IL4/IL13 responses are involved in regulating IgE production and, chemokine and mucus production at sites of allergic inflammation. In certain cell types, can signal through activation of insulin receptor substrates, IRS1/IRS2.[UniProtKB/Swiss-Prot Function]