

Product datasheet for **RR205378L3V**

Cd74 (NM_013069) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cd74 (NM_013069) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Cd74
Synonyms:	INVG34
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013069
ORF Size:	648 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR205378).
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_013069.2 , NP_037201.1
RefSeq Size:	1220 bp
RefSeq ORF:	651 bp
Locus ID:	25599
UniProt ID:	P10247
Cytogenetics:	18q12.1



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Gene Summary:

Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to compartments where peptide loading of class II takes place. Enhance also the stimulation of T-cell responses through interaction with CD44.[UniProtKB/Swiss-Prot Function]