Product datasheet for MR227153L3V

Ccl5 (NM_013653) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ccl5 (NM_013653) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ccl5
Synonyms:	MuRantes; RANTES; Scya5; SISd; TCP228
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013653
ORF Size:	273 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227153).
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_013653.3, NP_038681.2
RefSeq Size:	579 bp
RefSeq ORF:	276 bp
Locus ID:	20304
UniProt ID:	P30882
Cytogenetics:	11 50.66 cM

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Gene Summary: Chemoattractant for blood monocytes, memory T-helper cells and eosinophils. Causes the release of histamine from basophils and activates eosinophils. May activate several chemokine receptors including CCR1, CCR3, CCR4 and CCR5. May also be an agonist of the G protein-coupled receptor GPR75. Together with GPR75, may play a role in neuron survival through activation of a downstream signaling pathway involving the PI3, Akt and MAP kinases. By activating GPR75 may also play a role in insulin secretion by islet cells. [UniProtKB/Swiss-Prot Function]