

Product datasheet for **MR227145L4V**

Cxcl12 (NM_021704) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

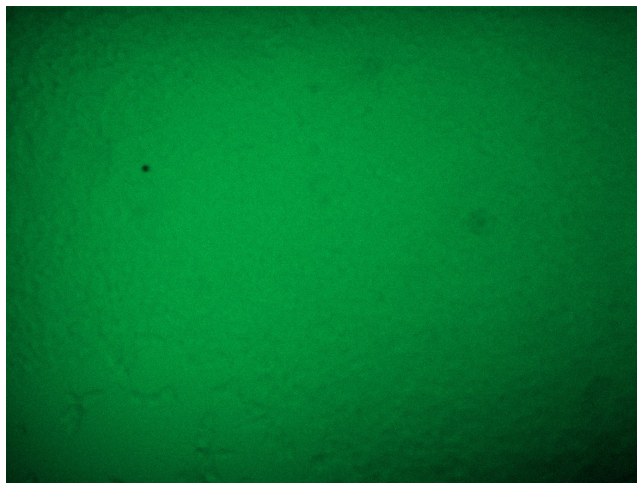
Product Type:	Lentiviral Particles
Product Name:	Cxcl12 (NM_021704) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cxcl12
Synonyms:	PB; Pbsf; PBSF/SD; Scyb1; Scyb12; Sdf; SDF-; Sdf1; TLS; Tlsf; TP; Tpar1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021704
ORF Size:	270 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227145).
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_021704.3 , NP_068350.1
RefSeq Size:	1878 bp
RefSeq ORF:	270 bp
Locus ID:	20315
UniProt ID:	P40224
Cytogenetics:	6 F1



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Gene Summary:

This gene encodes a member of the alpha chemokine protein family. The encoded protein is secreted and functions as the ligand for the G-protein coupled receptor, chemokine (C-X-C motif) receptor 4. The encoded protein plays a role in many diverse cellular functions, including embryogenesis, immune surveillance, inflammation response, tissue homeostasis, and tumor growth and metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]

Product images:

[MR227145L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR227145L4V particle to overexpress human Cxcl12-mGFP fusion protein.