

# Product datasheet for MR200573

### Ccl27a (NM\_011336) Mouse Tagged ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

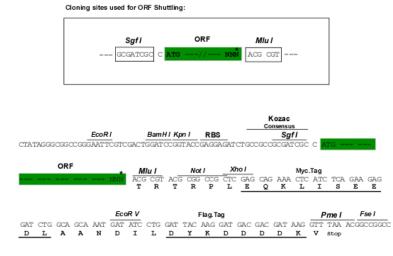
Product Type:	Expression Plasmids
Product Name:	Ccl27a (NM_011336) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccl27a
Synonyms:	ALP; AW558992; Ccl27; CTACK; CTAK; ESkine; ILC; PESKY; Scya27; Scya27a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR200573 representing NM_011336 Red=Cloning site Blue=ORF Green=Tags(s)
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGATGGAGGGGCTCTCCCCGCCAGCAGCCTCCCGCTGTTACTGTTGCTTCTGAGCCCGGCTCCTGAAG CAGCCTTGCCTCTGCCCTCCAGCACTAGCTGCTGTACTCAGCTCTATAGACAGCCACTCCCAAGCAGGCT GCTGAGGAGGATTGTCCACATGGAACTGCAGGAGGCCGATGGGGACTGTCACCTCCAGGCTGTCGTGCTT CACCTGGCTCGGCGCAGTGTCTGTGTTCATCCCCAGAACCGCAGCCTGGCTCGGTGGTTAGAACGCCAAG GGAAAAGGCTCCAAGGGACTGTACCCAGTTTAAATCTGGTACTACAAAAGAAAATGTACTCAAACCCCCA ACAGCAAAAC
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG <b>GTTTAA</b>
Protein Sequence:	>MR200573 representing NM_011336 <mark>Red=</mark> Cloning site Green=Tags(s)
	MMEGLSPASSLPLLLLLLSPAPEAALPLPSSTSCCTQLYRQPLPSRLLRRIVHMELQEADGDCHLQAVVL HLARRSVCVHPQNRSLARWLERQGKRLQGTVPSLNLVLQKKMYSNPQQQN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Restriction Sites:</b>	Sgfl-Mlul



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



#### **Cloning Scheme:**



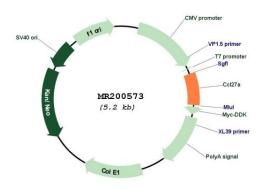
\* The last codon before the Stop codon of the ORF

ACCN:	NM_011336
ORF Size:	360 bp
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
RefSeq:	<u>NM 011336.2</u>
RefSeq Size:	405 bp
RefSeq ORF:	363 bp
Locus ID:	20301

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	Ccl27a (NM_011336) Mouse Tagged ORF Clone – MR200573
UniProt ID:	<u>Q9Z1X0</u>
Cytogenetics:	4 22.08 cM
MW:	13.9 kDa
Gene Summary:	Chemotactic factor that attracts skin-associated memory T-lymphocytes. May play a role in mediating homing of lymphocytes to cutaneous sites. May play a role in cell migration during embryogenesis. Nuclear forms may facilitate cellular migration by inducing cytoskeletal relaxation. Binds to CCR10.[UniProtKB/Swiss-Prot Function]

## **Product images:**



Circular map for MR200573

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US