

Product datasheet for RR211252

Cxcr1 (NM_019310) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cxcr1 (NM_019310) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cxcr1
Synonyms:	Il8ra
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR211252 representing NM_019310 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCGAGGCTGAGTATTTTCATCTGGATTGCTCCTGAGGGTGACTTTGAGGAAGAATTTGAAATATCA
CCCGAATGCTGCCACTGGAGAGTATTTTCAGCCCTGTAAGAGGGTTCCAATGACCAACAGGCAGGCTGT
AGTTGTCTTCTATGCACTGGTGTTCCTTCTTAGCTTGCTGGGAACTCGCTGGTATGCTGGTCATCTTA
TACAGGCGAAGGACCCGATCCGTACCGATGTCTACGTGCTGAACCTAGCCATTGCTGATCTACTCTTTT
CATTGACTCTGCCCTTCTGGCTGTCTCCAATGGAAGGGCTGGATTTTTGGCACACCCCTGTGCAAGAT
GGTCTCACTCCTGAAGGAAGTCAACTTCTCAGTGGTATCTTGCTGCTGGCCTGCATCAGTGTGGATCGA
TACCTGGCCATCGTCCATGCCACCCGCACACTGACCCGAAAGCGCTACTTGGTTAAATTCGATGCATGG
GCACCTGGGGTCTATCCTTGGTTCTGTCTCTGCCCTTTGCCATCTTCCGCCAGGCATATAAACCATACCG
TTCTGGAACAGTCTGCTATGAGGTCCTGGGTGAAGCCACAGCAGATCTTAGGATAACATTGCGTGGTCTG
TCCCACATATTTGGCTTCTCTTGGCGCTGTTTCATCATGCTGGTCTGCTACGGGCTCACACTGCGCACGC
TCTTTAAGGCCACATGAGACAGAAACCGCGGCCATGTGGTGATCTTTGCTGTTGTGGTCTTCTCT
GCTCTGTTGTCTGCCCTACAATCTGGTTCTGCTCTCGGACACTCTTAGGAGCCCACTTGATTCAAGAT
ACTTGCAGCGCCGCAATAACATTGACCAGGCCTTGATATTACCGAGATCCTGGCTTTTCTCACAGTT
GTCTTAACCCCGTCATCTATGCCTTTGTTGGCCAAAGTTTTCGCCATGAATTCCTCAAGATCCTTGCTAA
CCTGGTTCACAAGGAGGTTTTGACACACCACTCTGCTTCTTTGCACGCTCTCACCACATCTAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR211252 representing NM_019310
 Red=Cloning site Green=Tags(s)

MAEAEYFIWIAPEGDFEEFNGNITRMLPTGEYFSPCKRVPMTNRQAVVVFYALVFLLSLLGNSLVMLVIL
 YRRRTRSVDVYVNLAIADLLFSLTLPFLAVSKWKGWIFGTPLCKMVSLLKEVNFSGILLLACISVDR
 YLAIVHATRTLTRKRYLVKFVCMGTWGLSLVLSLPPFAIFRQAYKPYRSGTVCYEVLGEATADLRITLRL
 SHIFGFLPLFIMLVCYGLTLRTLFKAHMRQKRRAMWVIFAVVLVFLLCCLPYNLVLLSDTLLGAHLIQD
 TCERRNNIDQALYTEILGFSHSCLNPVIYAFVGGQSRHEFLKILANLVHKEVLTHHSASFRTSLTTIY

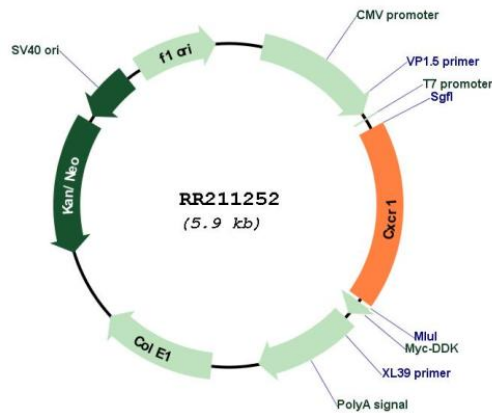
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_019310

ORF Size: 1047 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. 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.
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 style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. 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.
RefSeq:	NM_019310.1 , NP_062183.1
RefSeq Size:	1050 bp
RefSeq ORF:	1050 bp
Locus ID:	54258
UniProt ID:	P70612
Cytogenetics:	9q33
MW:	39.9 kDa
Gene Summary:	G-protein coupled receptor for interleukin 8 [RGD, Feb 2006]