

## Product datasheet for MR229189

### Ccr7 (NM\_001301713) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ccr7 (NM\_001301713) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ccr7  
**Synonyms:** CC-CKR-7; CCR-7; CD197; Cdw197; Cmkbr7; EBI1; Ebi1h  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR229189 representing NM\_001301713  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGGATCGCC

ATGATTTCTGTCATCTGCTTCGTGGCCTGCTCGGCAACGGGCTGGTGATACTGACGTACATCTATTTCA  
 AGAGGCTCAAGACCATGACGGATACCTACCTGCTCAACCTGGCCGTGGCAGACATCCTTTTCCTCCTAAT  
 TCTTCCCTTCTGGCCTACAGCGAAGCCAAGTCTGGATCTTTGGCGTCTACCTGTGAAGGGCATCTTT  
 GGCATCTATAAGTTAAGCTTCTTCAGCGGGATGCTGCTGCTCCTATGCATCAGCATTGACCGCTACGTAG  
 CCATCGTCCAGGCCGTGTCGGCTCATCGCCACCGCGCCCGCTGCTTCTCATCAGCAAGCTGTCTGTGT  
 GGGCATCTGGATGCTGGCCCTTCTCTCCATCCCGGAGCTGCTCTACAGCGCCCTCCAGAAGAACAGC  
 GGCGAGGACACGCTGAGATGCTCACTGGTCAGTGCCCAAGTGGAGGCCTTGATCACCATCCAAGTGGCC  
 AGATGGTTTTTGGGTTCTAGTGCCATGCTGGCTATGAGTTTCTGCTACCTCATTATCATCCGTACCTT  
 GCTCCAGGCACGCAACTTTGAGCGGAACAAGGCCATCAAGGTGATCATTGCCGTGGTGGTAGTCTTCATA  
 GTTTCCAGCTGCCCTACAATGGGTGGTCTGGCTCAGACGGTGGCCAACTTCAACATACCAATAGCA  
 GCTGCGAAACCAGCAAGCAGCTCAACATTGCCTATGACGTACCTACAGCCTGGCCTCCGTCGGTCTGCTG  
 CGTCAACCTTTCTTGTATGCCTTCATCGCGTCAAGTTCCGCGAGCCTCTTCAAGCTCTTCAAGGAC  
 TTGGGCTGCCTCAGCCAGGAACGGCTCCGGCACTGGTCTTCTGCGGCATGTACGGAACCGCTCGGTGA  
 GCATGGAGGCGGAGACCACCAACCTTCTCCCG

AGCGGACCGACGCTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA



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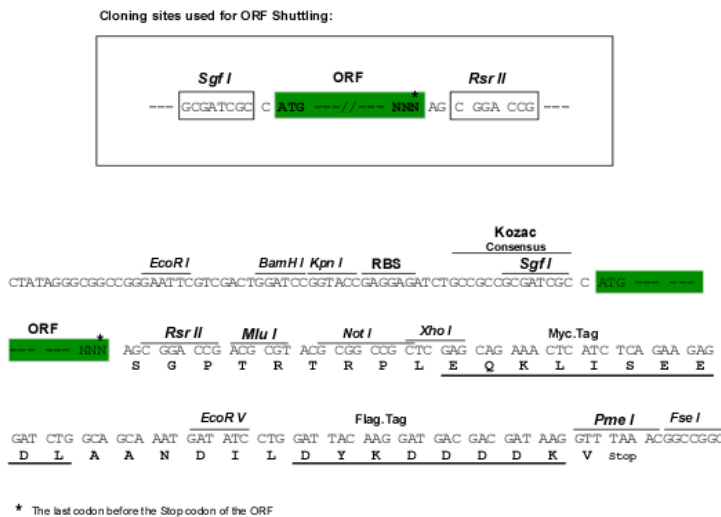
**Protein Sequence:** >MR229189 representing NM\_001301713  
 Red=Cloning site Green=Tags(s)

MYSVICFVGLLGNGLVILTYIYFKRLKMTDITYLLNLAVADILFLLILPFWAYSEAKSWIFGVYLCKGIF  
 GIYKLSFFSGMLLLLCISIDRYVAIVQAVSAHRHRARVLLISKLSVGIWMLALFLSIPPELLYSGLQKNS  
 GEDTLRCSLVSAQVEALITIQVAMVFGFLVPLMAMSFICYLIIIRTLLQARNFERNKAIKVIIAVVVVFI  
 VFQLPYNGVVLAAQTVANFNITNSSCETSKQLNIAYDVTYSLASVRCCVNPFLYAFIGVKFRSDLFKLFKD  
 LGCLSQRRLRHWSSCRHVRNASVSMEAETTTTFSP

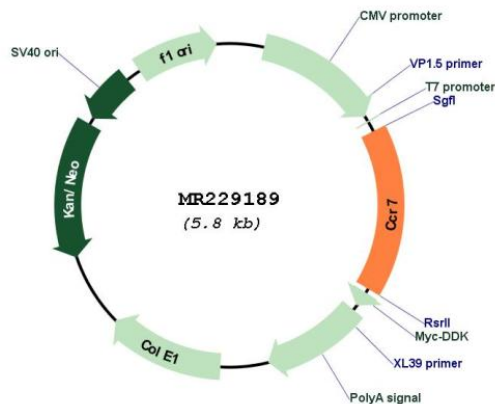
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-RsrII

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001301713

**ORF Size:** 945 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001301713.1</a> , <a href="#">NP_001288642.1</a>
<b>RefSeq Size:</b>	1925 bp
<b>RefSeq ORF:</b>	948 bp
<b>Locus ID:</b>	12775
<b>UniProt ID:</b>	<a href="#">P47774</a>
<b>Cytogenetics:</b>	11 D
<b>MW:</b>	36 kDa
<b>Gene Summary:</b>	Receptor for the MIP-3-beta chemokine.[UniProtKB/Swiss-Prot Function]