

Product datasheet for **MR208689**

Il20ra (NM_172786) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il20ra (NM_172786) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il20ra
Synonyms:	E230031K19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208689 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACACTCCCGGGACCCCGGCCGGCCACCCGGACCGCCCACTGTTGCTGCTCACGCTGCTTC
 TGCTGCTGGCCGCTTCGGGACGCGCAGTTCCTTGTGCTTCTGTGGTTTGCTAAACCTACAAATATCAC
 CTTCTTATCCATCAACATGAAGAATGTCCTGCATTGGAATCCACCAGAGAGTCTACACGGAGTTGAAGT
 ACATACACTGTGCAATATTTTATATATGGGCAGAAAGAAATGGCTGAATGCCTCTAAATGCGGGAGTATCA
 ACAGGACCTACTGTGACCTTTCTGTTGAGACCTCAGACTATGAACACCAGTTCTATGCCAAAGTGAAGGC
 CATTGGGAAGCCAGGTGCTCCGAATGGGCCGAGACGGAACGCTTCTATCCTTTCTGGAAACTCAAGTC
 AGCCACCAGAGATTGCCCTGACAACCTGGCGAGAAGTCCATCTCTATTGCCCTGACAGCACCAGAGAAGT
 GGGAAAGAAATCCACAAGACCACACTGTTTCTATGCAACAGATATACCCCAATTTGAAGTACAATGTGTC
 TGTGTATAACACTAAGTCGAGAAGAACGTGGTCCCAGTGTGTACCAACAGCACACTGGTCTCAGCTGG
 CTGGAGCCCAACTCTGTATTGTGTCCAGTGGAGTCCCTTGTCCCAGGGCCCCCTCGCCTCCCGATGC
 CTTCTCAGAAGCAGTGCATCAGTACTTTGGAAGTTCAAACATCAGCATGGAAGGCTAAAGTCATCTTCTG
 GTATGTCTTCTCACATCTGTTATCGTGTTTCTTTCTCCGCAATTGGCTACTTGGTTTACC GTTACATC
 CATGTTGGCAAGGAAAAACCCAGCAAATTTGGTACTGATTTATAGAAATGAAATTGGCACAAGAGTCT
 TTGAACCTACTGAAACAATCACACTTAATTTTATCACCTTCAGTATGTTGGATGATACTAAAATTTCTCC
 AAAGGATATGAATTTACTGGACAAAAGCAGTGTGACATCAGTGTAAATGACCCTGAGCACAATGAGGCC
 TGGGAGCCGCACTGGGAGGAGGTGGAGGGGCAACATTTAGGATGCTCTTCGCATTTGATGGACGCTGTCT
 GTGGTGTGAGCAAAGAGACGGAGACACCTCCCTAACCCAGCATGGGTGGCTTAACAGCACCATCCCCAC
 AGGAGAGACAGACACTGAGCCTCAATACAAAGTCTAAGTGACTTCTACGGGGAGGGTGAATCCAACCTG
 TCCTGTGAGCCGGAAGAGGCGGCCAGAACAAGAAAATATCTGAGCCACTGGTGACTTCAGCAAACCTGG
 ACCCACAGCTTGAAGACCTACATCACCTGGGTGAGGAGCATACTGTCTCCGAGGATGGGCCAGAGGAAGA
 GACATCTATAACAGTAGTGGATTGGGACCTCAAACCTGGCAGGCTGTGTATCCCTTCCTTACCTATCTTT
 GGCCGTGATCCTGAGAACTATGGTCATTATGAGAGAGACCAGCTCTTAGAGGGTGGCCTTTTGTCTAGAC
 TCTATGAGAACCGCACCTGACAAGCCAGAGAAAAGAAAATGAAAAGTGTCTCACACGGTTTATGGAGGA
 ATGGGGTTACATGTACAAATGGAAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208689 protein sequence
 Red=Cloning site Green=Tags(s)

MHTPGTPAPGHPDPPPLLLLTLNLLLAASGRAVPCVFCGLPKPTNITFLSINMKNVLHWNPPESLHGVEV
 TYTVQYFIYGQKKWLNASKCGSINRTYCDLSVETSDYEHQFYAKVKAIWEARCSEWAETERFYPFLETQV
 SPPEIALTTGEKSISIALTAPEKWKRNPQDHTVSMQQIYPNLKYNVSVYNTKSRRTWSQCVTNSTLVLW
 LEPNTLYCVHVESLVPGPRLPMPQKQCIISTLEVQTSAWKAKVIFWYVFLTSVIVFLFSAIGLYVRYI
 HVGKEKHPANLVLIYRNEIGTRVFEPTETITLNFITFSMLDDTKISPKDMNLLDKSSDDISVNDPEHNEA
 WEPHWEEVEGQHLGCSSHLMDAVCGAEQRDGTSLTQHGWLNSTIPTGETDEPQYKVLSDFYGEGEIQL
 SCEPEEAARTEKISEPLVTSANLDPQLEDLHHLGQEHTVSEDPPEETSITVVDWDPQTGRLCIPSLPIF
 GRDPENYGHYERDQLLEGLLSRLYENQAPDKPEKENENCLTRFMEEWGLHVQMES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_172786

ORF Size: 1641 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:**
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_172786.1](#), [NM_172786.2](#), [NP_766374.1](#)

RefSeq Size: 2088 bp

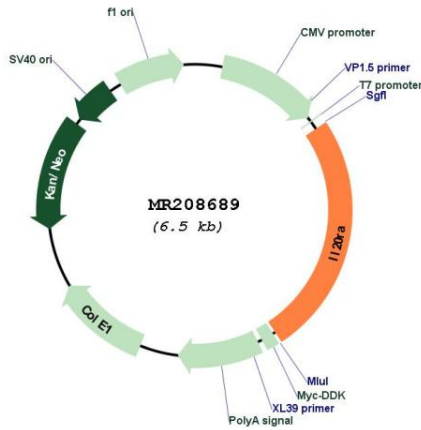
RefSeq ORF: 1641 bp

Locus ID: 237313

UniProt ID: [Q6PHB0](#)

Cytogenetics: 10 A3
MW: 62 kDa
Gene Summary: The IL20RA/IL20RB dimer is a receptor for IL19, IL20 and IL24. The IL20RA/IL10RB dimer is a receptor for IL26 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208689