

Product datasheet for **MG208689**

Il20ra (NM_172786) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il20ra (NM_172786) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Il20ra
Synonyms:	E230031K19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208689 representing NM_172786
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACACTCCCGGGACCCCGGCCGGCCACCCGGACCCGCCCACTGTTGCTGCTCACGCTGCTTC
 TGCTGCTGGCCGCTTCGGGACGCGCAGTTCCTTGTGCTTCTGTGGTTTGCTAAACCTACAATATCAC
 CTTCTTATCCATCAACATGAAGAATGTCCTGCATTGGAATCCACCAGAGAGTCTACACGGAGTTGAAGT
 ACATACACTGTGCAATATTTTATATATGGGCAGAAAGAAATGGCTGAATGCCTCTAAATGCGGGAGTATCA
 ACAGGACCTACTGTGACCTTTCTGTTGAGACCTCAGACTATGAACACCAGTTCTATGCCAAAGTGAAGGC
 CATTGGGAAGCCAGGTGCTCCGAATGGCCGAGACGGAACGCTTCTATCCTTTCTGGAAACTCAAGTC
 AGCCACCAGAGATTGCCCTGACAACCTGGCGAGAAGTCCATCTCTATTGCCCTGACAGCACCAGAGAAGT
 GGGAAAGAAATCCACAAGACCACACTGTTTCTATGCAACAGATATACCCCAATTTGAAGTACAATGTGTC
 TGTGTATAACACTAAGTCGAGAAGAACGTGGTCCCAGTGTGTACCAACAGCACACTGGTCTCAGCTGG
 CTGGAGCCCAACTCTGTATTGTGTCCAGTGGAGTCCCTTGTCCAGGGCCCCCTCGCCTCCCGATGC
 CTTCTCAGAAGCAGTGCATCAGTACTTTGGAAGTTCAAACATCAGCATGGAAGGCTAAAGTCATCTTCTG
 GTATGTCTTCTCACATCTGTTATCGTGTTTCTTTTCTCCGCAATTGGCTACTTGGTTTACCGTTACATC
 CATGTTGGCAAGGAAAAACCCAGCAAATTTGGTACTGATTTATAGAAATGAAATTGGCACAAGAGTCT
 TTGAACCTACTGAAACAATCACACTTAATTTTATCACCTTCAGTATGTTGGATGATACTAAAATTTCTCC
 AAAGGATATGAATTTACTGGACAAAAGCAGTGTGACATCAGTGTAAATGACCCTGAGCACAATGAGGCC
 TGGGAGCCGCACTGGGAGGAGGTGGAGGGGCAACATTTAGGATGCTCTTCGCATTTGATGGACGCTGTCT
 GTGGTGTGAGCAAAGAGACGGAGACACCTCCCTAACCCAGCATGGGTGGCTTAACAGCACCATCCCCAC
 AGGAGAGACAGACACTGAGCCTCAATACAAAGTCCCTAAGTGACTTCTACGGGGAGGGTGAATCCAACTG
 TCCTGTGAGCCGGAAGAGGCGGCCAGAACAAGAAAATATCTGAGCCACTGGTGACTTCAGCAAACCTGG
 ACCCACAGCTTGAAGACCTACATCACCTGGGTCAGGAGCATACTGTCTCCGAGGATGGGCCAGAGGAAGA
 GACATCTATAACAGTAGTGGATTGGGACCTCAAACCTGGCAGGCTGTGTATCCCTTCTTACCTATCTTT
 GGCCGTGATCCTGAGAACTATGGTCATTATGAGAGAGACCAGCTCTAGAGGGTGGCCTTTTGTCTAGAC
 TCTATGAGAACCGGCACCTGACAAGCCAGAGAAAAGAAAATGAAAACGTCTCACACGGTTTATGGAGGA
 ATGGGGTTACATGTACAAATGGAAAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208689 representing NM_172786
 Red=Cloning site Green=Tags(s)

MHTPGTPAPGHPDPPPLLLLTLNLLLAASGRAVPCVFCGLPKPTNITFLSINMKNVLHWNPPESLHGVEV
 TYTVQYFIYGQKKWLNASKCGSINRTYCDLSVETSDYEHQFYAKVKAIWEARCSEWAETERFYPFLETQV
 SPPEIALTTGEKSISIALTAPEKWRNPQDHTVSMQIYPNLKYNVSVYNTKSRRTWSQCVTNSTLVLVSW
 LEPNTLYCVHVESLVPGLPRLPMPKQKQISTLEVQTSWAKKVIWYVFLTSVIVFLFSAIGYLVYRYI
 HVGKEKHPANLVLIRNEIGTRVFEPTETITLNFITFMSLDDTKISPKDMNLLDKSSDDISVNDPEHNEA
 WEPHWEEVEGQHLGCSSHLMDAVCGAEQRDGTSLTQHWLNSTIPTGETDTEPQYKVLSDFYGEGEIQL
 SCEPEEAARTEKISEPLVTSANLDPQLEDLHHLGQEHTVSEDGPEEETSITVVDWDPQTGRLCIPSLPIF
 GRDPENYGHYERDQLLEGGLLSRLYENQAPDKPEKENENCLTRFMEEWGLHVQMES

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

ACCN:	NM_172786
ORF Size:	1638 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_172786.1 , NP_766374.1
RefSeq Size:	2089 bp
RefSeq ORF:	1641 bp
Locus ID:	237313
UniProt ID:	Q6PHB0
Cytogenetics:	10 A3
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]