

Product datasheet for MC218190

Il1r2 (BC032962) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il1r2 (BC032962) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il1r2
Synonyms:	CD121b; Il1r-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC032962 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCTGTGGAAGTCAAGGTCTTTAAGAATACTGAAGCATCTCTGCCTCATGTCTCCTACTTGCAAATCT
CAGCTCTCTCCACCACCGGGTACTAGTGTGCCCTGACCTGAAAGAATTCATCTCCAGCAACGCTGATGG
AAAGATACAGTGGTATAAGGGCGCCATACTCTTGATAAAGGCAATAAGGAATTTCTGAGTGCAGGAGAC
CCACACGCCTATTGATATCCAACACGTCATGGACGATGCAGGCTATTACAGATGTGTTATGACATTTA
CCTACAATGGCCAGGAATACAACATCACTAGGAATATTGAACTCCGGGTCAAAGGAACAACCACGGAACC
CATCCCTGTGATCATTCTCCCCTGGAGACAATACCAGCATCATTGGGGTCAAGACTGATAGTCCCGTGC
AAAGTGTCTTCTGGGAAGTGGTACATCTTCCAACACCATTGTGTGGTGGTGGCTAACAGCACGTTTATCT
CGGCTGCTTACCCAAGAGGCCGTGTGACCGAGGGGCTACACCCCACTACTCAGAGAATGATGAAAACTA
TGTGGAAGTGTGCTGATTTTTGATCCAGTCACAAGGGAGGATCTGCATACAGATTTTAAATGTGTTGCC
TCGAATCCACGGAGTTCTCAGTCACTCCATACCACAGTCAAAGAAGTCTTCCACGTTCTCCTGGAGCA
TTGCGCTGGCACCTCTGTCTCTGATCATCTTGGTTGTGGGGCAATATGGATGCGCAGACGGTGTAAACG
CAGGGCTGGAAAGACATATGACTGACCAAGCTACGGACTGACAACCAGGACTTCCCTCCAGCCCAAAC
TAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	BC032962
Insert Size:	843 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	BC032962 , AAH32962
RefSeq Size:	1096 bp
RefSeq ORF:	842 bp
Locus ID:	16178
Cytogenetics:	1 18.65 cM
Gene Summary:	Non-signaling receptor for IL1A, IL1B and IL1RN. Reduces IL1B activities. Serves as a decoy receptor by competitive binding to IL1B and preventing its binding to IL1R1. Also modulates cellular response through non-signaling association with IL1RAP after binding to IL1B. IL1R2 (membrane and secreted forms) preferentially binds IL1B and poorly IL1A and IL1RN. The secreted IL1R2 recruits secreted IL1RAP with high affinity; this complex formation may be the dominant mechanism for neutralization of IL1B by secreted/soluble receptors (By similarity). [UniProtKB/Swiss-Prot Function]