

Product datasheet for MC204067

Il2rg (NM_013563) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il2rg (NM_013563) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il2rg
Synonyms:	CD132; gamm; gamma(; gamma(c); gc; p64; [g]c
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC014720

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GAAGAGCAAGCACCATGTTGAAACTATTATTGTCACCTAGATCCTTCTTAGTCCTTCAGCTGCTCCTGCT
GAGGGCAGGGTGGAGCTCCAAGGTCCTCATGTCCAGTGCGAATGAAGACATCAAAGCTGATTTGATCCTG
ACTTCTACAGCCCTGAACACCTCAGTGCTCCTACTCTGCCCTTCCAGAGGTTCACTGCTTTGTGTTC
ACATAGAGTACATGAATTGCACTTGAATAGCAGTTCTGAGCCTCAGGCAACCAACCTCACGCTGCACTA
TAGGTACAAGGTATCTGATAATAATACATTCCAGGAGTGCACTACTATTTGTTCTCCAAAGAGATTACT
TCTGGCTGTCAGATACAAAAAGAAGATATCCAGCTCTACCAGACATTTGTTGTCAGCTCCAGGACCCCC
AGAAACCCAGAGGCGAGCTGTACAGAAGCTAAACCTACAGAATCTTGATCCCACGGGCTCCAGAAAA
TCTAACACTCAGCAATCTGAGTGAATCCCAGCTAGAGCTGAGATGGAAAAGCAGACATATTAAGAACGC
TGTTTACAATACTTGGTGCAGTACCGGAGCAACAGAGATCGAAGCTGGACGGAATAATAGTGAATCATG
AACCTAGATTCTCCCTGCCTAGTGTGGATGAGCTGAAACGGTACACATTTCCGGTTCGGAGCCGCTATAA
CCCAATCTGTGGAAGTTCTCAACAGTGGAGTAAATGGAGCCAGCCTGTCCACTGGGGGAGTCATACTGTA
GAGGAGAATCCTTCTTGTGCACTGGAAGCTGTGCTTATCCCTGTTGGCACCATGGGGTTGATTATTA
CCCTGATCTTTGTGACTGTTGGTTGGAACGAATGCCTCCAATCCCCCATCAAGAATCTAGAGGATCT
GGTTACTGAATACCAAGGGAACCTTTCCGGCTGGAGTGGTGTGTCTAAAGGGCTGACTGAGAGTCTGCAG
CCAGACTACAGTGAACGGTTCTGCCACGTCAGCGAGATCCCCCAAAGGAGGGGCCCTAGGAGAGGGGC
CTGGAGTTCTCCTTGCAGCCTGCATAGCCCTTACTGGCTCCCCATGTTATTCTCTGAAGCCGGAAGC
CTGAACATCAATCCTTTGATGGAACCTCAAAGTCTATAGTCTAAGTGACGCTAACCTCCCCTACTCAC
CTTGGCAATCTGGATCCAATGCTCACTGCCTTCCCTTGGGGCTAAGTTTCGATTTCTGTCCCATGTAAC
TGCTTTTCTGTTCCATATGCCCTACTTGAGAGTGTCCCTTGGCCCTTTTCCCTGCACAAGCCCTCCCATG
CCCAGCCTAACACCTTTCCACTTTCTTTGAAGAGAGTCTTACCCTGTAGCCCAGGGTGGCTGGGAGCTCA
CTATGTAGGCCAGGTTGGCTCCAACCTCACAGGCTATCCTCCCACCTCTGCCTCATAAGAGTTGGGGTTA
CTGGCATGCACCACCACCCAGCATGGTCTTCTTTTATAGGATTCTCCCTCCCTTTTCTACCTAT
GATTCAACTGTTTCCAAATCAACAAGAAATAAAGTTTTTAACCAATAAAAAAAAAAAAAA

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Restriction Sites: RsrII-NotI



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ACCN:	NM_013563
Insert Size:	1110 bp
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:	BC014720 , AAH14720
RefSeq Size:	1600 bp
RefSeq ORF:	1110 bp
Locus ID:	16186
UniProt ID:	P34902
Cytogenetics:	X 43.9 cM
Gene Summary:	<p>This gene encodes a transmembrane protein that is a common subunit of several interleukin receptor complexes. These receptors are comprised of alpha and beta subunits in addition to this gamma subunit. Signalling through this pathway is important in immune cell differentiation and function. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2015]</p> <p>Transcript Variant: This variant (a) represents the longer transcript and encodes the longer isoform (a).</p>