

Product datasheet for MC204628

Il13ra1 (NM_133990) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il13ra1 (NM_133990) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il13ra1
Synonyms:	AI882074; CD213a; CD213a1; IL-13R-alpha-1; IL-13r[a]; Il13ra; NR4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC059939

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CACGCTCCGAGGGCGAGGGGCTGCATGGCGCGGCCAGCGCTGCTGGGCGAGCTGTTGGTGCTGCTACTGTG
GACCGCCACCGTGGGCCAAGTTGCCGCGGCCACAGAAGTTCAGCCACCTGTGACGAATTTGAGCGTCTCT
GTCGAAAATCTCTGCACGATAATATGGACGTGGAGTCCTCCTGAAGGAGCCAGTCCAATTTGCACTCTCA
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ACCCCTGGATGAGAAAATCTGTCTGCAGGTGGGCTCTCAGTGTAGTGCCAATGAAAGTGAGAAGCCTAGC
CCTTTGGTGAAAAGTGCATCTCACCCCTGAAGGTGATCCTGAGTCCGCTGTGACTGAGCTCAAGTGCA
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TCCTCCACATATTAACATCTTCTCCTCAAAAATGGTGCCTTATTAGTGCAGTGGAGAATCCACAAAAT
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AATCTGCTGCCTATTGTTTGGAGACCCACTGAGTAATGTTTGGGCTATTAATGCATTATCATTATCC

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ACTTCAATAGCATTTTCCTCTGCTTTGAAATTTCCAGAAATCATCTTGGGCCAAGGCAATGACACATACA
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CTTTCATTAGATGACCTTTTTCTGAATCTGGGCACTGAAGGATGCATAAAATAATGTTAATGTTTTCA
GTAATGTCTTCAAGTAGAAGACTTTCTGTTGAACTACTTATAAGAAAGTAAAAATAATATTGCTTTTTG
TATGTCACCCAAAAAAAAAAAAAAAAAAAAA
    
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Restriction Sites:

RsrII-NotI

ACCN:

NM_133990

Insert Size:

1275 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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: [BC059939](#), [AAH59939](#)

RefSeq Size: 3672 bp

RefSeq ORF: 1275 bp

Locus ID: 16164

UniProt ID: [O09030](#)

Cytogenetics: X 20.49 cM

Gene Summary: This gene encodes a transmembrane protein that complexes with interleukin 4 receptor alpha (IL4RA) to form a functional receptor for interleukin-13. Signalling through this pathway mediates allergy response and occurs during bronchial asthma. [provided by RefSeq, May 2015]