

Product datasheet for MC218748

Il11ra1 (NM_010549) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Il11ra1 (NM_010549) Mouse Untagged Clone
Tag: Tag Free
Symbol: Il11ra1
Synonyms: AI314697; GP130; Il-11ra; Il11ra; Il11ra2; NR1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC218748 representing NM_010549
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGCAGCAGCTGCTCAGGGCTGACCAGGGTCTGGTGGCCGTGGCTACAGCCCTGGTGTCTTCCTCCT
 CCCCTGCCCAAGCTTGGGGTCTCCAGGGTCCAGTATGGACAACCTGGCAGGCCGTGATGCTGTG
 CTGCCCGGAGTGAGTGTGGGACTCCAGTGTCTGGTTTCGGGATGGAGATTCAAGGCTCTCCAGGGA
 CCTGACTCTGGTTAGGACACAGACTGGTCTTGGCCAGGTGGACAGCCCTGATGAAGGCACTTATGTCT
 GCCAGACCCTGGATGGTGTATCAGGGGGCATGGTACCCTGAAGCTGGGCTTCCCCAGCACGTCCTGA
 AGTCTCCTGCCAAGCGGTAGACTATGAAAATTCTCCTGTACTTGGAGTCCAGGCCAGGTGAGCGGTTTG
 CCCACCCGCTACCTTACTTCTACAGGAAGAAGACGCTGCCAGGAGCTGAGAGTCAAGGGAAAAGTCCAT
 CCACCGGGCTTGGCCGTGTCCACAGGACCCTCTGGAGGCTCCCGATGTGTGGTCCATGGGGCAGAGTT
 CTGGAGTGAGTACCGGATCAATGTGACCGAGGTGAACCCACTGGGTGCCAGCACGTCCTACTGGATGTG
 AGATTACAGAGCATCTTGCCTCTGATCCACCCCAAGGACTGCGGGTGAATCCGTACCTGGTTACCCGA
 GACGCTGCATGCCAGCTGGACATACCCTGCCTCTGGCGTCGCCAACCCTTTCTGCTCAAGTCCG
 GTTGCAATACCGACCAGCACAGCATCCAGCCTGGTCCACGGTGGAGCCATTGGCTTGGAGGAAGTGATA
 ACAGATGCTGTGGCTGGGCTGCCACACGCGGTACGAGTCAAGTCCAGGGACTTTCTGGATGCTGGCACCT
 GGAGCGCCTGGAGCCAGAGGCTGGGGTACTCCTAGCACTGGTCCCCTGCAGGATGAGATACCTGATTG
 GAGCCAGGGACACGGACAGCAGCTAGAGGCAGTAGTACTCAGGAGGACAGCCCGGCTCTGCAAGGCTT
 TCCTTGCAGCCGACCAAGGCCACTTGATCACAGGGACCCTTGGAGCAAGTAGCTGTGTTAGCGTCTC
 TGGGAATCTTCTTGCCTTGGCTGGTGTGGAGCTCTGGCACTGGGGCTCTGGCTGAGGCTGAGACG
 GAGTGGGAAGGATGGACCGAAAACTGGGCTCTTGGCACCCATGATCCCGGTGAAAAGCTTCCAGGA
 ATTCCAAACCTGCAGAGGACCCAGAGAACTTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_010549
Insert Size:	1299 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:	<u>NM_010549.3</u> , <u>NP_034679.1</u>
RefSeq Size:	1766 bp
RefSeq ORF:	1299 bp
Locus ID:	16157
UniProt ID:	<u>Q64385</u>
Cytogenetics:	4 21.94 cM
Gene Summary:	<p>Receptor for interleukin-11. The receptor systems for IL6, LIF, OSM, CNTF, IL11 and CT1 can utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other mesenchymal cells. Essential for the normal development of craniofacial bones and teeth. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents use of an alternate promoter and 5' UTR, compared to variant 3. Variants 1-3 all encode the same protein.</p>