

Product datasheet for **RR208513**

Il3ra (NM_139260) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il3ra (NM_139260) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il3ra
Synonyms:	Cyrl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR208513 representing NM_139260 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCCGGAGTGTGGCTGCTGCTGTCGGTACTATGTTTCGAGGCGATGTCAGAACGGGGAGTCCATA
TGGAGGCCACCTCTGACACCGCCCATCAGGAACCTAAGCATCGACCCCGCCAGCGCAGGCTGACGTG
GGAGTGGGGCGGGCGGGACCAGGGCAGAGGGCGGGCCTTGGGTCCCAGGTTCTGTGCAGAAAGGAG
GGCGGGACCTGTGCGGGCGGACCTGCAGGTCATTCTGCTCCTTCCCTGCCCTTCCCACTGTCAGG
TAACCAACTTCACTGTCTTCCCCGAGGGGAAGAGAAGGATGCGGCCACCTGTGCTTCCAGCCCCGTGA
CCCCAACAGGGCGGCTGCCGCCCAACCTGCACTGCTGGGTGCACGACGTGGATTGGCTGAGTTGCCGC
TGGGGTCGGGGCCCTGGGGCAACACGGGATGTGCGATACAGAATGTTCTGCGAGATGCAAGGCACAGCC
CAGACCACGACCGTGAGTGCCCGAGGTACGAGGTTGACTCCCAAGGGTCGCGCGTGGGCTGTGCGGTGGG
TGAGGCTGGGACCTGGCCTCCCTCATCACAGTGACGGTGAACGGCAGTGGTGGCGCCCATGGGGTCCAC
GCGCCCGTGTCTTGTACCGACCGGATATCGACATGGCTGCCGTGGAGGTCTGGCCCCGCCCGTGTGA
CAGCTGAATGCGAAAGCACCGGGCCCGTGTGAGGTGGGGCCCGCAGAGCCGGTTCAGACGGCCCTCGT
GTTCACTCTGCAGATCAACCAGAGTTCACAGACAGAGCCAAAGCTTGAGATGGTATATGAGACAGAATTC
AAGGTCCCAGCCCTGGACACGGTTTCTGTGCGTGTCAAGGCCACAGCCCTGGACTCGGGCGTGGAGAGCG
ACTGGAGCAAGGCCTGGAGCCTGGACTGTGGCCCCACAGCGACTCTGGCAACCCCGATGACATCGTGTCT
CCTGGCGGGGGCGGGCGGGTGTCTCACAGTGATGGCTGTGCTGCTGTGCTGGAGGAAGTCGCTGCTG
AGCCGCTGTTCCACCCATCCCAAGGATGAGAGTCTACCTGGGCCAGAGATGGTTGCATGGGTGAGG
CACCTGAGAACTGCGAGGTGACGCTGGTACAGACAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR208513 representing NM_139260
Red=Cloning site Green=Tags(s)

MAAGVWLLL SVTMFEAMSERGVHMEAPPLTPPIRNL SIDPAQRRLTWEWGGGGTRAEGGALGPRFLCRKE
 GRDPVRADPAGHSCSPALSHCHVTNFTVFPEGQEKDAHL CFQPRDPNRAAARNLHCWVHDVDWL SCR
 WGRGPGATRDRVRYRMFLRDARHSPDHDRECPRYEVD SQGSRVGCAVGEAGTLASLITVTVNGSGGAHGVH
 APVSC TDADIDMAAVEVLAPPVLTAECESTGARVWRWAPQSRFQTAFVFTLQINQSSQTEPKLEMVYETEF
 KVPTLDTVSVRVKATALDSGVESDWSKAWSLDCGPTATLATPMTSLLL LAGAGAVLTVMAVLLL CWRKSL L
 SRLFPPIPRMRVLP GPEMVAWVEAPENCEVTLVTDN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

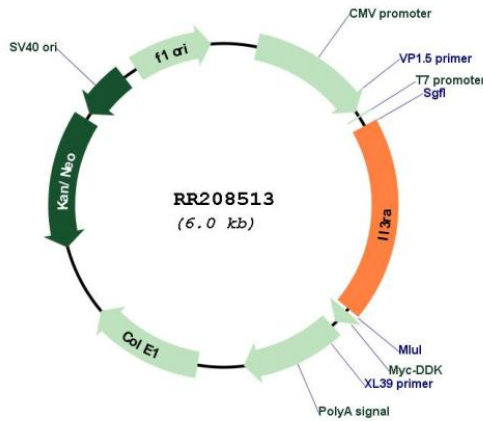
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_139260

ORF Size:	1158 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_139260.3 , NP_640353.2
RefSeq Size:	1408 bp
RefSeq ORF:	1161 bp
Locus ID:	246144
Cytogenetics:	12q11
MW:	42 kDa
Gene Summary:	a putative cytokine receptor expressed in testis,lung and spleen [RGD, Feb 2006]