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Product datasheet for MC209982

Il1f5 (NM_001146088) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il1f5 (NM_001146088) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il1f5
Synonyms:	AI413231; Fil1delta; Il-1h3; IL-36Ra; Il1hy1; IL36RN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209982 representing NM_001146088 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGATGGTTCTGAGTGGGGCACTATGCTTCCGAATGAAGGATTCAGCCTTGAAGGTACTGTATCTGCACA ATAACCAGCTGCTGGCTGGAGGACTGCACGCAGAGAAGGTCATTAAAGGTGAGGAGATCAGTGTTGTCCC AAATCGGGCACTGGATGCCAGTCTGTCCCCTGTCATCCTGGGCGTTCAAGGAGGAAGCCAGTGCCTATCT TGTGGGACAGAGAAAGGGCCAATTCTGAAACTTGAGCCAGTGAACATCATGGAGCTCTACCTCGGGGCCA AGGAATCAAAGAGCTTCACCTTCTACCGGCGGGATATGGGTCTTACCTCCAGCTTCGAATCCGCTGCCTA CCCAGGCTGGTTCCTCTGCACCTCACCGGAAGCTGACCAGCCTGTCAGGCTCACTCAGATCCCTGAGGAC CCCGCCTGGGATGCTCCCATCACAGACTTCTACTTTCAGCAGTGTGACTAG ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001146088
Insert Size:	471 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).

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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:	NM_001146088.1, NP_001139560.1
RefSeq Size:	1722 bp
RefSeq ORF:	471 bp
Locus ID:	54450
UniProt ID:	Q9QYY1
Cytogenetics:	2 16.31 cM
Gene Summary:	Inhibits the activity of interleukin-36 (IL36A,IL36B and IL36G) by binding to receptor IL1RL2/IL-36R and preventing its association with the coreceptor IL1RAP for signaling. Part of the IL-36 signaling system that is thought to be present in epithelial barriers and to take part in local inflammatory response; similar to the IL-1 system with which it shares the coreceptor. Proposed to play a role in skin inflammation. May be involved in the innate immune response to fungal pathogens. May activate an anti-inflammatory signaling pathway by recruiting SIGIRR.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.

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