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Product datasheet for MC217343

Ildr1 (NM_134109) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Ildr1
Synonyms:	AU041483; AU044638
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC217343 representing NM_134109
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCTGCGGATTGCTCGCTGCTGGCCTGCTCCTCTTCACCTGGCTCCCAGCAGGGTGTCTGTCCTTGC
TAGTCACAGTCCAGCACACAGAACGCTATGTTACTCTGTTTGCCTCCGTTACCCTCAAGTGTGACTACAC
CACCTCTGCCCAGCTCCAGGACGTGGTTGTGACATGGCGCTTCAAGTCCTTCTGCAAGGATCCCATCTTT
GACTACTTCTCTGCCTCATACCAGGCAGCTTTGTCCCTGGGCCAGGACCCCTCCAATGACTGTAGTGACA
ATCAGAGGGAAGTTCGCATCGTGGCGCAGCGGCGTGGGCAGAGTGAGCCCGTGCTGGGGGTGGATTACCG
GCAACGCAAGATCACCATCCAGAACCGAGCAGATCTTGTGATTAATGAAGTGATGTGGTGGGATCATGGA
GTATACTATTGTACCATCGAGGCTCCAGGAGACACGTCAGGAGACCCAGATAAGGAGGTGAAGCTCATTG
TCCTGCATTGGCTGACAGTGATTTTCATCATTCTTGGAGCCCTCCTACTCCTGCTGCTGATTGGTGTATG
CTGGTGCCAGTGTTGTCCGCAGTATTGCTGCTGCTATATCCGCTGCCCCTGCTGTCCTACCCGCTGTTGC
TGCCCTGAGGAAGCCCTGGCCCGCCACCGCTACATGAAGCAGGTTCAGGCCCTAGGTCCTCAGATGATGG
AAAAACCCCTGTACTGGGGGGCGGACAGGAGCTCCCAAGTTTCATCTTATGCAATGAACCCGCTGCTGCA
GCGAGATCTGTCCTTACAGTCCAGCCTTCCACAGATGCCAATGACCCAGATGGCTGCTCACCCTCCGGTG
GCTAATGGTGTCCTGGAATATTTGGAGAAAGAATTGCGGAACCTCAACCCAGCCCAACCTCTGCCTGCGG
ATCTCAGAGCCAAATCTGGCCACCCTTGCAGCATGCTCTCCTCCCTGGGCTCCGCAGAGGTTGTGGAACG
CAGAGTCATCCACCTGCCCCCACTAATCAGAGACCCACCGTCCTCCAGGACCAGCAACCCCTCACACCAG
CAGCGGCTCAATGCTGTTTCTTCCAGACACTGCGATCTGAGTGAGCGCCCGAGGCAGCGCCATCACTCCG
ATTTCCTCCGAGAGCTCCAGGACCAGGGGATGAGACCCTGGGCCCCGGGGAGAGGGGAGCTGGACCCCCA
TTGGAGTGGGAGACACCACCGCTCTAGGCCCAGCGAGTCATCCATGCCTTGGTCAGACTGGGACAGCCTG
AGCGAATGTCCCTCATCCAGTGAGGCTCCTTGGCCCCCCAGACGACCAGAGCCCAGGGAAGGCGCCCAGA
GACGTGAGAGACGCAGGCATCGCAGCTACTCGCCTCCTCTACCCTCGGGCCCCAGCTCTTGGAGCTCTGA
AGAGGAGAAAGAGTCGCTGCCCAGGAACTGGGGTGCCCAGCGACGTCACCATCACCGCCGCCGCCGCTCA
CAGTCTCCAAACTGGCCTGAGGAGAAGCCGCCCAGCTACCGCTCACTGGATGTGACTCCAGGAGAGAGAG
AGCTCCCATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_134109

Insert Size: 1551 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_134109.2, NP_598870.1
RefSeq Size:	3001 bp
RefSeq ORF:	1551 bp
Locus ID:	106347
UniProt ID:	Q8CBR1
Cytogenetics:	16 B3
Gene Summary:	Putative membrane receptor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate splice site in the 3' coding region compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.