

Product datasheet for **MC228008**

Ildr1 (NM_001285791) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ildr1 (NM_001285791) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ildr1
Synonyms:	AU041483; AU044638
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228008 representing NM_001285791
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCTGCGGATTGCTCGCTGCTGGCCTGCTCCTCTTCACTGGCTCCCAGCAGGGTGTCTGCTCCTTGC
 TAGTCACAGTCCAGCACACAGAACGCTATGTTACTCTGTTTGCCTCCGTTACCCTCAAGTGACTACAC
 CACCTCTGCCAGCTCCAGGACGTGTTGTGACATGGCGCTTCAAGTCTTCTGCAAGGATCCCATCTTT
 GACTACTTCTCTGCCTCATACCAGGCAGCTTTGTCCCTGGGCCAGGACCCCTCCAATGACTGTAGTGACA
 ATCAGAGGGAAGTTTCGCATCGTGGCGCAGCGGCGTGGGCAGAGTGAGCCCGTGTGGGGTGGATTACCG
 GCAACGCAAGATCACCATCCAGAACCGAGCAGATCTTGTGATTAATGAAGTGATGTGGTGGGATCATGGA
 GTATACTATTGTACCATCGAGGCTCCAGGAGACACGTGAGGAGACCCAGATAAGGAGGTGAAGCTCATTG
 TCCTGCATTGGCTGACAGTGATTTTCATCATTCTTGGAGCCCTCCTACTCCTGCTGCTGATTGGTGTATG
 CTGGTGCCAGTGTGTCCGAGTATTGCTGCTGCTATATCCGCTGCCCTGCTGTCTACCCGCTGTTGC
 TGCCCTGAGGAAGATCTGTCCTTACAGTCCAGCCTTCCACAGATGCCAATGACCCAGATGGCTGCTCACC
 CTCCGGTGGCTAATGGTGTCTGGAATATTTGGAGAAAGAATTGCGGAACCTCAACCCAGCCCAACCTCT
 GCCTGCGGATCTCAGAGCCAAATCTGGCCACCCTTGACAGCATGCTCTCCTCCCTGGGCTCCCGAGAGGT
 GTGGAACGCAGAGTCATCCACCTGCCCCACTAATCAGAGACCCACCGTCTCCAGGACCAGCAACCCCT
 CACACCAGCAGCGGCTCAATGCTGTTTCTTCCAGACACTGCGATCTGAGTGAGCGCCGAGGCAGCGCCA
 TCACTCCGATTTCTCCGAGAGCTCCAGGACCAGGGATGAGACCCTGGGCCCGGGGAGAGGGGAGCTG
 GACCCCATTTGGAGTGGGAGACACCACCGCTCTAGGCCAGCGAGTCATCCATGCCTTGGTCAGATGGG
 ACAGCCTGAGCGAATGTCCCTCATCCAGTGAGGCTCCTTGGCCCCCAGACGACCAGAGCCAGGGAAGG
 CGCCAGAGACGTGAGAGACGCAGGCATCGCAGTACTCGCTCCTTACCCTCGGGCCCGAGCTTTGG
 AGCTCTGAAGAGGAGAAAGAGTCGCTGCCAGGAAGTGGGGTGCCAGCGACGTACCCATCACCGCCGCC
 GCCGCTCACAGTCTCAAAGTGGCTGAGGAGAAGCCGCCAGCTACCGCTCACTGGATGTGACTCCAGG
 CAAGAACAACAGGAAAAAGGGAATGTGGAGAGGCGCTTGGAGAGAGAGCTCCCATAGTGGACGGAGT
 GTGGTCATT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001285791

Insert Size: 1482 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001285791.1](#), [NP_001272720.1](#)

RefSeq Size: 2910 bp

RefSeq ORF: 1482 bp

Locus ID: 106347

UniProt ID: [Q8CBR1](#)

Cytogenetics: 16 B3

Gene Summary: Putative membrane receptor.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) lacks an in-frame exon in the 3' coding region compared to variant 1. The encoded isoform (3) is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.