

Product datasheet for **MC201470**

Epdr1 (NM_134065) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Epdr1
Synonyms:	AU040950; AV006210; Epdm2; Epdr2; MERP-1; MERP-2; MERP2; Ucc1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >BC014708 sequence for NM_134065
CAGAGCAGAAAGAGCTGGGGCGATTACGCGGCTTTCCAGGCCGGTGTCCCGGTGTCCGGAGCCCCAA
GCCAGGAGCCTGTGGAACGGAATCGAGAGAGCCTGAAC TGGGTCCCGGAGCACACCTTTCCGAGGG
CGCAGAGAAGGCTCACGCGACTAGTCCAACGCAGGGCCTCGGCTCTCTCTGGAGCTCGGCTGACCTGGG
GCGGCAGATCAGATGCCCGCGCGCTCCCCGCGCTGGTCCAGGGGCTCGGGGACCTGGTGCTG
GGAAGCCTCTGGGTCTGGTGCTGTGCGGCTGGGGATGGCGGGCTCCCTGGGAACCCACAGCCATGCC
AGGCACCCAGCAGTGGGAGGACGCCAGGTTCTGTACCAGCAGAGCAGGGGCACAACAACCGCGCCCT
GGTGTCTACGATGGTCTCAACCAGCGCTGCGGGTGTGGACGAGAGGAAAGCGCTGATCCCTGCAAG
AGATTATTTGAATACATTTTACTCTATAAGGAGGAGTGATGTTTCAGATTGAACAAGCCACCAACAGT
GTGCAAGATCCCTTGGTGGAATCCTGGGATCCTCTGGACATTCCTCCAGAAATCTACCTTTGAAGATCA
GTACTCCATCGGAGGCTCAGGAGCAGATCCTGGTCCAGGAGTGGTCTGACAGAAGAACAGCAAGATCC
TATGAAACTTGGATCGGCGTTTATACAGCCAAGGATTGTTATCCGGTCCAGGAGACCTTCATCAGGAACT
ACACTGTGGTCATGTCCACGCGTTTCTTTGATGTGCAGCTAGGCATTAAGGACCCCTCTGTGTTACCCC
ACCAAGCACATGCCAGGCAGCGCAGCCAGAGAAGATGAGTGACGGTGCTCCTGTGAACTCGCCGAAC
GAACCAACCTCAGCTCTTAGTGACCTTGATGGCAATGGATTAGAGACTAGTTTGAAGTAACTCTTCA
CTGAAATAAAGCTAATTTTAGGAAGATAAACCTATGTGGCTTGCTTGTACATCTGACTGTGGCTGCT
CAGCTCTGTTTGAAGAAGAAAGGGCCATCCTTTCTGTGAGCAGGTGGGTAGTCAGTGCCATAGAGTAG
GAAAGGGCGGGGTGGGGTCAACAGGAGTTTGCCTCTGACGGGTGAGACTTTTATTATTGCCAATAA
GAATCGAAGGTGATAATAAGATATAGAATGCTTTTGTTCAGTTCTCCCTTACAAGAAAGTCCCTTGCT
TGCTGCACCAAGGAAGCAAGAGCTCCAGTGACACCACCCCTGCCTCTGGTTACTATAAGATGAGCCT
TTAAGATTCTTTAGACTTAAATTTGTGCCATGGCCCACTGGATGTAGATATTCTACAAGGAAGTAGA
AACTTTTAATACGAAGTAATGATTCCTCTAAAGGGAAGAAAGTTTAAAGAGGAGGCTTGACAATCTT
AGTATTTACACGTGAGATGAAATGAAGAGTCCCGTGTGCTGCTCTGTGTGCAAGAGTACTGACCGCTCTG
CTGAACCTTCATGTCTTTCTAGTGGGCAACCAAGGCTTCCAAAATAGCACTGACCTGGGAGGCCCAAG
TAAGGCCAAGAAGTCTCTGCTACTCTAATCTTTACGTATTAATGCACTAGGCTAGTAGCCTTGCCCTT
TCCTTTCTGAACTCTTTCAACACAAGTGTCTATATGACTACGGCTCATGCTTCCAAGGTGACGTCA
CATGTGACCTCTGTGAGCTGTTCCCTCGCTGAATTCATTGCATCTTACACCTTGGCATGCCTTGCTCAC
AATACTCATTATGCTGTGTGGGATTTCTGATTACTAGAAGCTGACCTCTGCTATCCTGGGTAAAGACGC
CCTGAGTACGGTACCATGCTCTGTTTACTTTAGGATCTCCAGCACAAGCAAGTGCCTGGCACATAGTC
TGTGCCCTTAACATTTGTAGAAAGGAGCTCACCAGCTCTGTGAGTGTAGTTTCTTCATCTATTAACA
GGGTGGTTTTCTGGTTGCTAGGGAGACTTATAGTAATAACAATACTATTCTAGATTCTTCTTATCGC
TGTGTTTCATTGTGCGATGATCATCTTTTGTATCAAGAGAAGGTATGATGCTTGCTTTATGCCATAGC
CATCTATATTGTAATTTATCTATACAATTAACAAATTAATGAACCCTATGAATTATCTTTGATGTGT
TTGTTTTGTAAAGAAATATGGAGGAAGTGAATTATAAGAAATAAAATCCTTCTGTAATAATCAATAA
AGTACTTCCCATAAATCAAAACCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_134065

Insert Size: 675 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:	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:	BC014708 , AAH14708
RefSeq Size:	2347 bp
RefSeq ORF:	675 bp
Locus ID:	105298
UniProt ID:	Q99M71
Cytogenetics:	13 A2
Gene Summary:	Binds anionic lipids and gangliosides at acidic pH.[UniProtKB/Swiss-Prot Function]