

Product datasheet for **RN211293**

Epdr1 (NM_001007625) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Epdr1 (NM_001007625) Rat Untagged Clone
Tag: Tag Free
Symbol: Epdr1
Synonyms: Epdr2; MERP2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN211293 representing NM_001007625
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCACACGCGCTCCCCGCGCCTGGTCCAGGGGCCCGGGAGACCTGGCTGCTTGGCGGCCTCTGGG
TCTGGATATTGTGCGCCTGGGGATGGCGGGCTCCCCGGGAACCCCGCAGCCATGCCAGGCGCCCCAGCA
GTGGGAGGGACGTCAGGTTCTGTACCAGCAGAGCAGCGGGCACAACAGCCGCGCCCTGGTGTCTACGAT
GGTCTCAACCAGCGCGTGCGGGTCTGGACGAAAGGAAGGCGCTGATCCCCTGCAAGAGATTATTTGAAT
ACATTTTACTCTATAAGGATGGAGTGATGTTTCAGATTGAACAAGCCACCAAAGTGTGTCAAAGATACC
CTTGGCAGAACCTGGGATCCTCTCGACATTCCCAGAATTCTACCTTTGAAGATCAGTACTCTATCGGA
GGGCTCAGGAGCAGATCATGGTCCAGGAATGGTCTGACAGGAGGACAGCCAGATCCTATGAAACCTGGA
TTGGCGTTTATACAGCCAAGGATTGCTACCCGGTCCAGGAGACCTTCATTAGGAACTACACTGTGGTCTCT
GTCCACTCGGTTCTTTGATGTGCAGTTGGGCATTAAGACCCCTCTGTGTTACCCCAAGCAGCTGC
CAGACAGCACAGCCAGAGAAGATGAAAGAGAACTGCTCCCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001007625
Insert Size: 675 bp



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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:	<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:	<u>NM_001007625.1</u> , <u>NP_001007626.1</u>
RefSeq Size:	2230 bp
RefSeq ORF:	675 bp
Locus ID:	291180
UniProt ID:	<u>Q5XII0</u>
Cytogenetics:	17q11
Gene Summary:	Binds anionic lipids and gangliosides at acidic pH.[UniProtKB/Swiss-Prot Function]