

Product datasheet for **SC122862**

EPDR1 (NM_017549) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPDR1 (NM_017549) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPDR1
Synonyms:	EPDR; MERP-1; MERP1; UCC1
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF:

>OriGene sequence for NM_017549 edited
GCAGCAGGCAGTGGCAGCAGGCAGTGGCCAGGCAGAAATAGCTCCCGCGGATTCAGT
GAGCCTTCCCCGGGCCCTGGTCCCGGCTACCGGGACTCGCGCGTCCGGATCTCAAAGCG
GCAGAGGCCACCGAAGGGACAGGAAGCACTTTGGTCCAGACCACACTCCCGGCACAGTGC
GGAAAGAGCCGGCGGGAGCCACTCTGATCCCGGACGCCTCAGCGCCCCCTGGGCTTGGG
CTTGCCCTCGGGCCGGGAAGGCTGACCGCGATGCCAGGACGCGCTCCCCGCCACCGT
CCCGGGCGCCCTGGGTGCCTGGCTGCTGGGCGGCCTCTGGGCTGGACCCGTGCGGCCT
GTGCAGCCTGGGGCGGTGGGAGCCCCGCGCCGTGCCAGGCGCCGACGAGTGGGAGGG
GCGCCAGGTTATGTACCAGCAAAGTAGCGGGCGCAACAGCCGCGCCCTGCTCTCTACGA
CGGGCTCAACCAGCGCGTGGGGTCTGGACGAGAGGAAGGCGCTGATCCCTGCAAGAG
ATTATTTGAATATATTTTGTGTATAAGGATGGAGTGTGTTTCAGATTGACCAAGCCAC
CAAGCAGTGTCAAAGATGACCCTGACACAGCCCTGGGATCCTCTTGACATTCTCAAAA
CTCCACCTTTGAAGACCAGTACTCCATTGGGGGCGCTCAGGAGCAGATCACCGTCCAGGA
GTGGTCGGACAGAAAGTCAGCTAGATCCTATGAAACCTGGATTGGCATCTATACAGTCAA
GGATTGCTATCCTGTCCAGGAAACCTTTACCATAAACTACAGTGTGATATTGTCTACGCG
GTTTTTTGACATCCAGCTGGGTATTAAGACCCCTCGGTGTTTACCCCTCCAAGCAGGTG
CCAGATGGCCAACTGGAGAAGATGAGCGAAGACTGCTCCTGGTGAACCTGTGCATAGGG
AAGCGGCAGCATCGGATGTGAGCCCCCTGCGGCCCCAGCTGGAGATGGATATGAGACTAG
TCAAGATGTGAATGCTAATTGGAGAGAAATATAATTTTAGGAAGATGCACATTGATGTGG
GGTTTTGATGTGCTGATTTTACTACTCAAGCTCTGTTTACAGAAGAAAATTGAATGGC
GAGGGTGTGGCCATATGAACTGACTAGTAGCTAATATGGACACTTTGGGATTTTCTAAT
GCCTGTTGAGGGTGGTTTTCTGCATGCACGGGTATACACATAATGCAGTGCATGCACA
TAGGGAAGGGTCAGTAAGAGAAGTTTTGCCTTGGCAGCAAGTATTTATTGTTGACATTATT
CAGAATTAGTGATAATAAAAAGCAGAGTATTTTGGTCAATTTTATTATTAATTCTTAAA
TTCCCTGCAGAGAATGCCCCCTTTATTGCTGCACCAGGGTGGGCATTGCTCCCACTGAGC
CCTACTCCACCCTGTCCCTGCACTCCCTTGGTTGCCAAAAAATGATAACTTAAATCCCT
TCCAGACTTAAGAATTTTATGGCATGGCCCAATTGATATAAACATTTAGAAGGAAATGAA
AAGCTAAAATAGGAAGTAATTATTCCTCTAAAGAAACATTTTGGCAAGGCAGTTTAGAG
AATCCTAATGTCTACACTGGCATAGCACGAGCCATGTAAGCTTCTTTTTTTCTATGCAA
GAGTATTGATGTATGTGCTGAATCTTACAGACTTGTCAATACACAGGCAGTATTCTAAA
ATAGCACTGAACAGGGAGTCAGGAGACTATTGTCTCCTAAACCCAGGACTAGAGTCCCT
CGTACTGTCACTCCTTTGGTCATTAAATGCACTGGGCTTGCCCGCACTTTGGCCTCCTA
GAACGCTGCTTCATAACCTCTCTGTCTGACTTCTGCATCTCCTCCAGGTGAGCTCATT
ACAAGAGTTGCTCCCAAGCCTGGATGAGTTGCACCTTGCATCTTGAGCATGCATTTCTCA
CAATAATTATTAAGCTGTGTGATAATTTCTGCTTTCAGGACACTCATCCATTATCTTGGC
TGTGAGCTCCTTGGGTACGGGTACCTTGTATGTTAATTTTATATCCCTAGCACAAAGCA
AGTGCCTGGCACAATAGTCAGTGCCTAAGTATTTGTAGAGTGAAGAATGCCAGCCTCTCT
TGTCCTGGTTTTCTTATGTGTTGAATGTGGTTGAGTTTGTCCATTGCTAGGGAGAGACT
TCCAGTAATAAAAATTTACTATTCTAGATGCTTCTACTGTTATGTTTTATCTGCCCATTTA
TCTTTCTTAGTTACCAGGAGAAATGTGTGACACCTATATTATAAATGAAAACAATCTTATT
ACTTATAGTTTATCTATATTAACAATAATTAATTGCATTTAAAGCATTCTTTGATATTGT
TGCTTTTGCAATAAATATGGATAATCTTGGTTATAAGGGAGTTAAAACAATGCTGTAATA
AATAAAGTGTTCATGTGATCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_017549 unedited TGGATTTTGTNATACGACTTACTATAGGGCGGCCGGAATTCCTGGGATATCGTCGACCC ACGCGTCCGGCAGCAGGCAGTGGCAGCAGGCAGTGGCCAGGCAGAAATAGTCCCGCGC GATTAAGTGGAGCCTTCCCGGGCCCTGGTCCCGGCTACCGGGACTCGCGCGTCCGGATC TCAAAAGCGGCAGAGGCCACCGAAGGGACAGGAAGCACTTTGGTCCAGACCACACTCCCG GCACAGTGCAGAAAGAGCCGGCGGGAGCCACTCTGATCCCGGACGCCTCAGCGCCCTCCCT GGGCTTGGGCTTGCCTCGGGCCGGGAAGGCTGACCGGATGCCAGGACGCGCTCCCT CCGCACCGTCCCGGGCGCCCTGGGTGCCTGGCTGCTGGGCGGCCTCTGGGCTGGACCCT GTGCGGCCTGTGCAGCCTGGGGCGGTGGGAGCCCGCGCCCTGCCAGGCGCCGACGCA GTGGGAGGGCGCCAGGTTATGTACCAGCAAAGTAGCGGGCGCAACAGCCGCGCCCTGCT CTCCTACGACGGGCTCAACCAGCGCGTGCGGGTGCTGGACGAGAGGAAGGCGCTGATCCC CTGCAAGAGATTATTTGAATATATTTTGTGTATAAAGATGGAGTGATGTTTCAGATTGA CCAAGCCACCAAGCAGTGTCAAAGATGACCCTGACACAGCCCTGGGATCCTCTTGACAT TCCCCAAAACCTCCACCTTTGGAAGACAGTACTCCATTGGGGGGCCTCAAGAGCAGATCAC CGGCCAGGATTGGTCCGGACAGAAGTCACTAGATCCCTATGAACCTGGATTGGCATCTT TACAGTCAAGGATTGGCTTCCCGGTCCAGGAAACCTTACCATAAACTACATGGTGAATTG GCTACCCGGTTTTTTGACATCCAACCTGGGTTTAAAGAACCCTCGGG
Restriction Sites:	Please inquire
ACCN:	NM_017549
Insert Size:	2506 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).
RefSeq:	NM_017549.2 , NP_060019.1
RefSeq Size:	2614 bp
RefSeq ORF:	1035 bp
Locus ID:	54749
UniProt ID:	Q9UM22 , Q96J80
Protein Families:	Secreted Protein
Gene Summary:	<p>The protein encoded by this gene is a type II transmembrane protein that is similar to two families of cell adhesion molecules, the protocadherins and ependymins. This protein may play a role in calcium-dependent cell adhesion. This protein is glycosylated, and the orthologous mouse protein is localized to the lysosome. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 8. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest 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.</p>