

Recombinant Full Length Human EPDR1 Protein, GST-tagged

Cat. No. EPDR1-4311HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EPDR1 full-length ORF (AAH18299, 38 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	38-224 amino acids
Description	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]
Molecular Mass	46.31 kDa
AA Sequence	APRPCQAPQQWEGRQVMYQQSSGRNSRALLSYDGLNQRVRVLDERKALIPCKRLF EYILLYKDGVMFQIDQATKQCSKMTLTQPWDPLDIPQNSTFEDQYSIGGPQEQITVQ EWSDRKSARSYETWIGIYTVKDCYPVQETFTINYSVILSTRFFDIQLGIKDPSVFTPPS TCQMAQLEKMSEDCSW
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EPDR1 ependymin related protein 1 (zebrafish) [Homo sapiens]
Official Symbol	EPDR1
Synonyms	EPDR1; ependymin related protein 1 (zebrafish); mammalian ependymin-related protein 1; EPDR; MERP 1; MERP1; UCC1; mammalian ependymin related protein 1; upregulated in colorectal cancer gene 1 protein; MERP-1;
Gene ID	54749
mRNA Refseq	NM_001242946
Protein Refseq	NP_001229875
MIM	619734
UniProt ID	Q9UM22

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