

Recombinant Human EPDR1 Protein, His-tagged

Cat. No. EPDR1-1431H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPDR1 Protein (Ala38-Trp224) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala38-Trp224
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.4 kDa Accurate Molecular Mass: 28 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	EPDR1 ependymin related protein 1 (zebrafish) [Homo sapiens (human)]
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

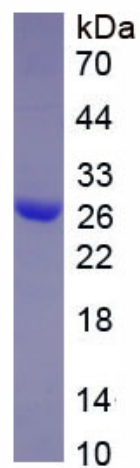
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UniProt ID

Q9UM22

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