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## Datasheet for ABIN7318761 EPDR1 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	EPDR1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPDR1 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human EPDR1 Protein (His Tag)
Sequence:	Ala38-Ser223
Characteristics:	Recombinant Human Mammalian ependymin-related protein 1 is produced by our Mammalian expression system and the target gene encoding Ala38-Ser223 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	EPDR1
Alternative Name:	EPDR1 ( <a href="#">EPDR1 Products</a> )
Background:	Background: EPDR1 is a member of the ependymin family. EPDR1 is a type II transmembrane protein that is similar to two families of cell adhesion molecules, the protocadherins and

## Target Details

ependymins. It may play a role in calcium-dependent cell adhesion. EPDR1 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. Synonym: Mammalian ependymin-related protein 1,EPDR1,Upregulated in colorectal cancer gene 1 protein,MERP1

Molecular Weight: 22.6 kDa

UniProt: [Q9UM22](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.