

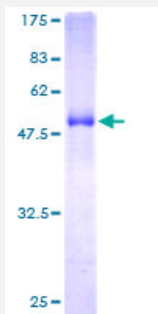
Full-Length

## EPDR1 (Human) Recombinant Protein (P01)

Catalog # H00054749-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human EPDR1 full-length ORF ( AAH18299, 38 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

APRPCQAPQQWEGRQVMYQQSSGRNSRALLSYDGLNQRVRLDERKALIPCKRLFYILLYKDG  
VMFQIDQATKQCSKMTLTQPWDPLDIPQNSTFEDQYSIGGPQEQTQVEWSDRKSARSYETWIGY  
TVKDCYPVQETFTINYSVILSTRFFDIQLGIKDPVFTPPSTCQMAQLEKMSDCSW

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

46.31

#### Interspecies Antigen Sequence

Mouse (80); Rat (81)

#### Preparation Method

[in vitro wheat germ expression system](#)

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

#### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

#### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — EPDR1

|                     |                                                                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">54749</a>                                                                                                                                                                                                                                   |
| GeneBank Accession# | <a href="#">BC018299</a>                                                                                                                                                                                                                                |
| Protein Accession#  | <a href="#">AAH18299</a>                                                                                                                                                                                                                                |
| Gene Name           | EPDR1                                                                                                                                                                                                                                                   |
| Gene Alias          | EPDR, MERP-1, MERP1, UCC1                                                                                                                                                                                                                               |
| Gene Description    | ependymin related protein 1 (zebrafish)                                                                                                                                                                                                                 |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                               |
| Gene Summary        | The protein encoded by this gene is a type II transmembrane protein and is similar to two families of cell adhesion molecules, the protocadherins and ependymins. This protein may play a role in calcium dependent cell adhesion. [provided by RefSeq] |
| Other Designations  | ependymin related protein 1 mammalian ependymin related protein 1 upregulated in colorectal cancer gene 1                                                                                                                                               |

## Disease

- [Male Urogenital Diseases](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)

- [Tobacco Use Disorder](#)