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## Product Datasheet

### Recombinant Human EPDR1 (C-6His) EBT-EPT021

|                            |                                                                                                                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Human EPDR1 (C-6His)                                                                                                                                                                    |
| Biozol Catalog Number      | EBT-EPT021                                                                                                                                                                                          |
| Supplier Catalog Number    | EPT021                                                                                                                                                                                              |
| Alternative Catalog Number | EBT-EPT021-50                                                                                                                                                                                       |
| Manufacturer               | ELK Biotechnology                                                                                                                                                                                   |
| Category                   | Proteine/Peptide                                                                                                                                                                                    |
| Product Description        | 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.... |
| Molecular Weight           | Molecular weight: 22.6 KDa. Apparent molecular weight: 28 & 33 KDa, reducing conditions                                                                                                             |
| UniProt                    | <a href="#">Q9UM22</a>                                                                                                                                                                              |
| Purity                     | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                |

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| Application Notes | <p>Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. 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 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</p> |
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