

## Recombinant Mouse Aplnr protein, His&Myc-tagged

**Cat. No.** Aplnr-019M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Aplnr protein(Q9WV08)(307-377aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 307-377aa                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 15.1 kDa                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | YAFFDPRFRQACTSMLCCDQSGCKGTPHSSSAEKSASYSSGHSQGP GPNMGKGG<br>EQMHEKSIPYSQETLVD                                                                                                                                                       |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                           |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a                                                               |

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concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

|                 |                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------|
| Gene Name       | <a href="#">Aplnr apelin receptor [ Mus musculus ]</a>                                                          |
| Official Symbol | <a href="#">Aplnr</a>                                                                                           |
| Synonyms        | APLNR; apelin receptor; MSR; angiotensin receptor-like 1; G-protein coupled receptor APJ; APJ; Agtrl1; msr/apj; |
| Gene ID         | <a href="#">23796</a>                                                                                           |
| mRNA Refseq     | <a href="#">NM_011784</a>                                                                                       |
| Protein Refseq  | <a href="#">NP_035914</a>                                                                                       |

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