

## Recombinant Rat Apln protein, His & S-tagged

**Cat. No.** Apln-8264R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Apln aa. (Ala19~Phe77 (Accession # Q9R0R3)) fused with N-terminal His & S tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala19~Phe77
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	12kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 9.8.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage Buffer**

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

[Apln](#) apelin [ [Rattus norvegicus \(Norway rat\)](#) ]

**Official Symbol**

[Apln](#)

**Synonyms**

Apln; apelin; Apel; APJ endogenous ligand; apelin, AGTRL1 ligand

**Gene ID**

[58812](#)

**mRNA Refseq**

[NM\\_031612.3](#)

**Protein Refseq**

[NP\\_113800.1](#)

**UniProt ID**

[Q9R0R3](#)

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