

Recombinant Rat Avpi1 protein, His & T7-tagged

Cat. No. Avpi1-8221R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Avpi1 aa. (Leu13~His148 (Accession # F1LRX4)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu13~His148
Description	Homologous to mouse arginine vasopressin-induced 1 gene.
Form	Freeze-dried powder
Molecular Mass	20&25kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 11.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the 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 lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

Avpi1 arginine vasopressin-induced 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Avpi1

Synonyms

Avpi1; arginine vasopressin-induced 1; esu; arginine vasopressin-induced protein 1; AVP-induced protein 1; Esau

Gene ID

171386

mRNA Refseq

NM_134373.2

Protein Refseq

NP_599200.2

UniProt ID

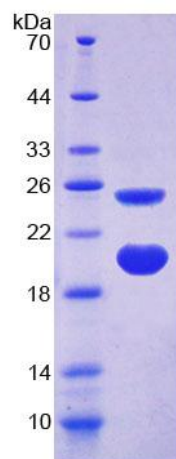
F1LRX4

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SDS-PAGE



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