

Recombinant Rat Pappa Protein, His-tagged

Cat. No. Pappa-1899R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pappa Protein (Ala1111-Gly1440) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala1111-Gly1440
Description	Predicted to enable metalloendopeptidase activity. Involved in several processes, including female pregnancy; response to follicle-stimulating hormone; and response to glucocorticoid. Located in extracellular space. Human ortholog(s) of this gene implicated in myocardial infarction. Orthologous to human PAPPA (pappalysin 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.3 kDa Accurate Molecular Mass: 40 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

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

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION**Gene Name**

Pappa pregnancy-associated plasma protein A [*Rattus norvegicus* (Norway rat)]

Official Symbol

Pappa

Synonyms

PAPPA; pregnancy-associated plasma protein A; pappalysin-1;

Gene ID

313262

mRNA Refseq

NM_001107939

Protein Refseq

NP_001101409

UniProt ID

D3ZNQ7

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