

Recombinant Rat Ptpa protein, His & T7-tagged

Cat. No. Ptpa-1120R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ptpa aa. (Met1~Gly323 (Accession # B2RYQ2) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Gly323
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.3kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
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 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 lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

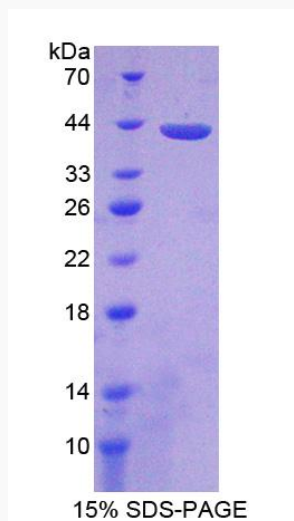
Gene Name	Ptpa protein phosphatase 2 phosphatase activator [Rattus norvegicus (Norway rat)]
Official Symbol	Ptpa
Synonyms	Ptpa; protein phosphatase 2 phosphatase activator; Ppp2r4; serine/threonine-protein phosphatase 2A activator; protein phosphatase 2 regulatory subunit 4; protein phosphatase 2A activator, regulatory subunit 4; protein phosphatase 2A regulatory subunit 4; protein phosphatase 2A, regulatory subunit B (PR 53)
Gene ID	362102
mRNA Refseq	NM_001108577.2
Protein Refseq	NP_001102047.1
UniProt ID	B2RYQ2

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SDS-PAGE



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