

Recombinant Rat Ptx3 protein, His & T7-tagged

Cat. No. Ptx3-1778R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ptx3 aa. (Ser195~Ser381 (Accession # D3ZT94)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser195~Ser381
Description	May play a role in protection against seizure-induced neurodegeneration.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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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, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in ddH ₂ O.
Isoelectric Point	6.9

GENE INFORMATION

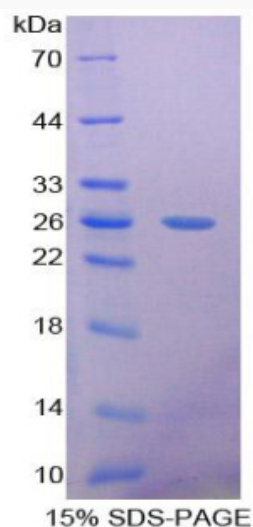
Gene Name	Ptx3 pentraxin 3 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Ptx3
Synonyms	Ptx3; pentraxin 3; pentraxin-related protein PTX3; pentraxin 3, long; pentraxin related
Gene ID	689388
mRNA Refseq	NM_001109536.1
Protein Refseq	NP_001103006.1
UniProt ID	D3ZT94

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SDS-PAGE



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