

Recombinant Mouse Pnpo protein, His & T7-tagged

Cat. No. Pnpo-8034M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pnpo aa. (Met1~Pro261 (Accession # Q91XF0)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Pro261
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.5.
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 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	Pnpo pyridoxine 5'-phosphate oxidase [Mus musculus (house mouse)]
Official Symbol	Pnpo
Synonyms	AI415282; pyridoxamine-phosphate oxidase; pyridoxine-5'-phosphate oxidase
Gene ID	103711
mRNA Refseq	NM_134021.2
Protein Refseq	NP_598782.1
UniProt ID	Q91XF0

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