

Recombinant Mouse Pfas Protein, His-tagged

Cat. No. Pfas-1934M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pfas Protein (Arg1063-Val1301) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg1063-Val1301
Description	Predicted to enable phosphoribosylformylglycinamide synthase activity. Acts upstream of or within anterior head development. Predicted to be located in cytoplasm. Is expressed in several structures, including alimentary system; central nervous system; cranium; integumental system; and liver. Orthologous to human PFAS (phosphoribosylformylglycinamide synthase).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.5 kDa Accurate Molecular Mass: 30 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

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

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

Pfas phosphoribosylformylglycinamide synthase (FGAR amidotransferase) [Mus musculus (house mouse)]

Official Symbol

Pfas

Synonyms

PFAS; phosphoribosylformylglycinamide synthase (FGAR amidotransferase); phosphoribosylformylglycinamide synthase; FGAM synthase; formylglycinamide ribotide synthetase; formylglycinamide ribotide amidotransferase; Gm18; PURL; Sofa; FGAMS; FGARAT; 4432409B16Rik; RP23-153N12.1;

Gene ID

237823

mRNA Refseq

NM_001159519

Protein Refseq

NP_001152991

UniProt ID

Q5SUR0

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