Recombinant Mouse Pfas Protein, Myc/DDK-tagged

Cat. No. Pfas-4805M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphoribosylformylglycinamidine synthase (FGAR amidotransferase) (Pfas), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phosphoribosylformylglycinamidine synthase involved in the purines biosynthetic path way. Catalyzes the ATP-dependent conversion of formylglycinamide ribonucleotide (F GAR) and glutamine to yield formylglycinamidine ribonucleotide (FGAM) and glutamat e.
Molecular Mass	144.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Pfas phosphoribosylformylglycinamidine synthase (FGAR amidotransferase) [Mus musculus (house mouse)]
Official Symbol	Pfas
Synonyms	PFAS; phosphoribosylformylglycinamidine synthase (FGAR amidotransferase); phosphoribosylformylglycinamidine 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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