

Recombinant Human PFAS Protein, His-tagged

Cat. No. PFAS-2579H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFAS Protein (Arg1064-Val1302) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg1064-Val1302
Description	Purines are necessary for many cellular processes, including DNA replication, transcription, and energy metabolism. Ten enzymatic steps are required to synthesize inosine monophosphate (IMP) in the de novo pathway of purine biosynthesis. The enzyme encoded by this gene catalyzes the fourth step of IMP biosynthesis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.1 kDa Accurate Molecular Mass: 29 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 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 [Homo sapiens (human)]
Official Symbol	PFAS
Synonyms	PFAS; phosphoribosylformylglycinamide synthase; FGAR amidotransferase; FGARAT; KIAA0361; PURL; FGAM synthase; formylglycinamide ribotide synthetase; formylglycinamide ribotide amidotransferase; FGAMS;
Gene ID	5198
mRNA Refseq	NM_012393
Protein Refseq	NP_036525
MIM	602133
UniProt ID	O15067

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