

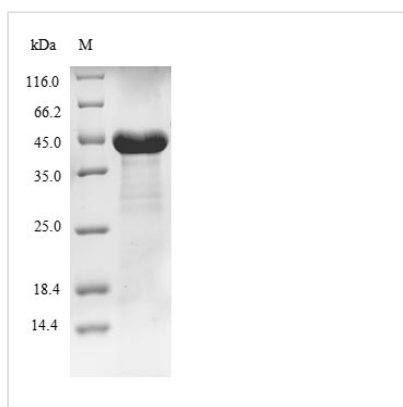


Recombinant Human Phosphoribosylformylglycinamide synthase (PFAS), partial

Product Code	CSB-EP017811HU
Relevance	Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins.
Abbreviation	Recombinant Human PFAS protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O15067
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	RVAILREEGSNGDREMADAFHLAGFEVWDVTMQDLCSGAIGLDTFRGVAFVG GFSYADVLGSAKGWAAAVTFHPRAGAELRRFRKRPDTFSLGVCNGCQLLALL GWVGDPNEDAAEMGPDSQPARPGLLLRHNLSGRYESRWASVRVGP GPAL MLRGMGAVLPVWSAHGEGYVAFSSPELQAQIEARGLAPLHWADDDGNPTE QYPLNPNGSPGGVAGICSCDGRHLAVMPHPERAV
Source	E.coli
Target Names	PFAS
Protein Names	Recommended name: Phosphoribosylformylglycinamide synthase Short name= FGAM synthase Short name= FGAMS EC= 6.3.5.3Alternative name(s): Formylglycinamide ribotide amidotransferase Short name= FGARAT Formylglycinamide ribo
Expression Region	1064-1302aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	45.4 kDa
Protein Length	Partial



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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