

Recombinant Human PFAS Protein (1064-1302 aa), His-SUMO-Myc-tagged

Cat. No. PFAS-2335H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PFAS Protein (1064-1302 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1064-1302 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	45.4 kDa
AA Sequence	RVAILREEGSNGDREMADAFHLAGFEVWDVTMQDLCSGAIGLDTRGVAFVGGFSY ADVLGSAKGWAAAVTFHPRAGAELRRFRKRPDTFSLGVCNGCQLLALLGWVGDP

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NEDAAEMGPDSQPARPGLLLRHNLSGRYESRWASVRVGPGPALMLRGMEGAVLP
VWSAHGEGYVAFSSPELQAQIEARGLAPLHWADDDGNPTEQYPLNPNGSPGGVAG
ICSCDGRHLAVMPHERAV

Purity > 85% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name PFAS phosphoribosylformylglycinamide synthase [Homo sapiens]

Official Symbol PFAS

Synonyms PFAS; FGAR amidotransferase; FGARAT; KIAA0361; PURL; FGAM synthase; FGAMS;

Gene ID 5198

mRNA Refseq NM_012393

Protein Refseq NP_036525

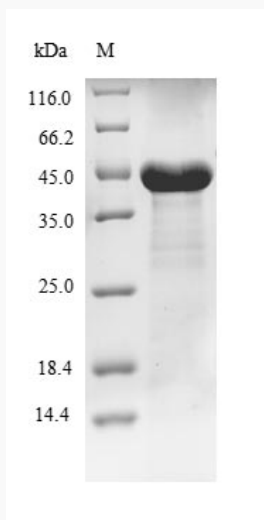
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MIM 602133

UniProt ID O15067



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

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