

Recombinant Human GART protein, His-tagged

Cat. No. GART-4265H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GART protein(P22102)(111–318aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	111–318aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	26.5 kDa
AA Sequence	KEFMDRHHGIPTAQWKAFTKPEEACSFILSADFPALVVKASGLAAGKGVIVAKSKEEA CKAVQEIMQEKAFGAAGETIVIEELLDGEEVSCLCFTDGGKTVAPMPPAQDHKRLLLEG DGGPNTGGMGAYCPAPQVSNLLLLKIKDVTVLQRTVDGMQQEGTPYTGILYAGIMLT KNGPKVLEFNCRFGDPECQVILPLLKSDLYEVIQSTLD
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 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

Reconstitution

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.

GENE INFORMATION

Gene Name

GART phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase [Homo sapiens]

Official Symbol

GART

Synonyms

GART; phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase; PGFT, PRGS; trifunctional purine biosynthetic protein adenosine-3; AIRS; GARS; PAIS; PGFT; PRGS; GARTF; MGC47764;

Gene ID

2618

mRNA Refseq

NM_000819

Protein Refseq

NP_000810

MIM

138440

UniProt ID

P22102

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