

Recombinant Human GART Protein, MYC/DDK-tagged

Cat. No. GART-26H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GART was expressed in HEK293 with C-terminal MYC/DDK tag.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a trifunctional polypeptide. It has phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase activity which is required for de novo purine biosynthesis. This enzyme is highly conserved in vertebrates. Alternative splicing of this gene results in two transcript variants encoding different isoforms.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	45.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	GART phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase [Homo sapiens (human)]
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Official Symbol	GART
Synonyms	AIRS; GARS; PAIS; PGFT; PRGS; GARTF
Gene ID	2618
mRNA Refseq	NM_175085
Protein Refseq	NP_780294
MIM	138440
UniProt ID	P22102

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