

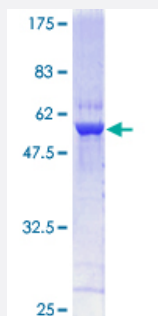
Full-Length

GNPDA1 (Human) Recombinant Protein (P01)

Catalog # H00010007-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GNPDA1 full-length ORF (AAH12853, 1 a.a. - 289 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKLIILEHYSQASEWAAKYIRNRIQFNPGPEKYFTLGLPTGSTPLGCYKKLIEYYKNGDLSFKYVKTF
NMDEYVGLPRDHPESYHSFMWNNFFKHIDIHPENTHILDGNAVDLQAECDAFEKKAAGGIELFV
GGIGPDGHIAFIEPGSSLSRTRVKTLAMDTILANARFFDGELTKVPTMALTGVGVTVMDAREVMILI
TGAHKAFALYKAIEEGVNHMWTVSAFQQHPRTVFVCEDEATLELKVKTVKYFKGLMLVHNKLVD
PLYSIKEKETESQSSKKPYSD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.53

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GNPDA1

Entrez GeneID [10007](#)

GeneBank Accession# [BC012853](#)

Protein Accession# [AAH12853](#)

Gene Name GNPDA1

Gene Alias GNPDA, GNPI, GPI, HLN, KIAA0060

Gene Description glucosamine-6-phosphate deaminase 1

Omim ID [601798](#)

Gene Ontology [Hyperlink](#)

Other Designations glucosamine-6-phosphate isomerase|oscillin

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Metabolic pathways](#)