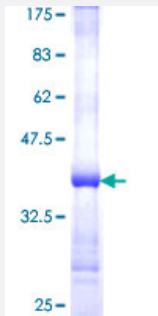


GNPDA1 (Human) Recombinant Protein (Q01)

Catalog # H00010007-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GNPDA1 partial ORF (NP_005462, 2 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KLILEHYSQASEWAAKYIRNRIQFNPGPEKYFTLGLPTGSTPLGCYKKLIEYYKNGDLSFKYVKTFN MDEYVGLPRDHPESYHSFMWNNFFKHIDIH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
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# [NM_005471](#)

Protein Accession# [NP_005462](#)

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](#)