

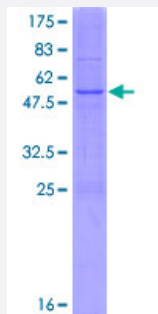
Full-Length

PIGL (Human) Recombinant Protein (P01)

Catalog # H00009487-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PIGL full-length ORF (NP_004269.1, 1 a.a. - 252 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEAMWLLCVALAVLAWGFLWVWDSSERMKSREQGGRLGAESRTLLVIAHPDDEAMFFAPT VLGLARLRHWVYLLCFSAGNYNQGETRKKELLQSCDVLGIPLSSVMIDNRDFPDDPGMQWDTEHV ARVLLQHIEVNGINLVVTFDAGGVSGHSNHIALYAAVRALHSEGKLPKGC SVLTLQSVNVLRKYISL LDLPLSLLHTQDVLFLVNSKEVAQAKKAMSCHRSQLLWFRRLYIIFSR YMRINSLSFL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	54.9
Interspecies Antigen Sequence	Mouse (79); Rat (77)
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 — PIGL

Entrez GeneID [9487](#)

GeneBank Accession# [NM_004278.3](#)

Protein Accession# [NP_004269.1](#)

Gene Name PIGL

Gene Alias -

Gene Description phosphatidylinositol glycan anchor biosynthesis, class L

Omim ID [605947](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an enzyme that catalyzes the second step of glycosylphosphatidylinositol (GPI) biosynthesis, which is the de-N-acetylation of N-acetylglucosaminylphosphatidylinositol (GlcNAc-PI). Study of a similar rat enzyme suggests that this protein localizes to the endoplasmic reticulum. [provided by RefSeq]

Other Designations N-acetylglucosaminyl-phosphatidylinositol de-N-acetylase|N-acetylglucosaminylphosphatidylinositol deacetylase|phosphatidylinositol glycan, class L

Pathway

- [Glycosylphosphatidylinositol\(GPI\)-anchor biosynthesis](#)

- [Metabolic pathways](#)