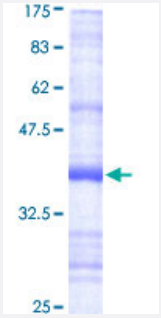
PIGH (Human) Recombinant Protein (Q01)

Catalog # H00005283-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PIGH partial ORF (NP_004560, 89 a.a. - 188 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TLLIIDSLGIQMTSSYASGKESTTFIEMGKVKDIVINEAIYMQKVIYYLCILLKDPVEPHGISQVVPVFQSAKPRLDCLIEVYRSCQEILAHQKATSTSP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (91); Rat (93)
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 — PIGH

Entrez GeneID	5283
GeneBank Accession#	NM_004569
Protein Accession#	NP_004560
Gene Name	PIGH
Gene Alias	GPI-H
Gene Description	phosphatidylinositol glycan anchor biosynthesis, class H
Omim ID	600154
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an endoplasmic reticulum associated protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI anchor is a glycolipid found on many blood cells and which serves to anchor proteins to the cell surface. The protein encoded by this gene is a subunit of the GPI N-acetylglucosaminyl (GlcNAc) transferase that transfers GlcNAc to phosphatidylinositol (PI) on the cytoplasmic side of the endoplasmic reticulum. [provided by RefSeq
Other Designations	phosphatidylinositol N-acetylglucosaminyltransferase subunit H|phosphatidylinositol glycan, class H|phosphatidylinositol-glycan biosynthesis, class H protein

Pathway

- Glycosylphosphatidylinositol(GPI)-anchor biosynthesis
- Metabolic pathways

Disease

- Disease Progression
- Disease Susceptibility
- HIV Infections