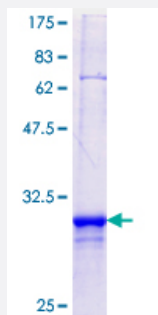


PIGS (Human) Recombinant Protein (Q01)

Catalog # H00094005-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PIGS partial ORF (NP_149975.1, 450 a.a. - 518 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GKISNVIKDDVASEVYKAVAAVQKSAEELASGHLASAFVASQEAVTSSELAFFDPSLLHLLYFPD DQK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.33
Interspecies Antigen Sequence	Mouse (91); Rat (91)
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 — PIGS

Entrez GeneID [94005](#)

GeneBank Accession# [NM_033198](#)

Protein Accession# [NP_149975.1](#)

Gene Name PIGS

Gene Alias DKFZp686K20216, FLJ45226

Gene Description phosphatidylinositol glycan anchor biosynthesis, class S

Omim ID [610271](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is involved in GPI-anchor biosynthesis. The glycosylphosphatidyl inositol (GPI) anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene encodes an essential component of the multisubunit enzyme, GPI transamidase. GPI transamidase mediates GPI anchoring in the endoplasmic reticulum, by catalyzing the transfer of fully assembled GPI units to proteins. [provided by RefSeq]

Other Designations GPI transamidase subunit|phosphatidylinositol glycan, class S

Pathway

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