

## Product datasheet for **TP310028**

### **PIGH (NM\_004569) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human phosphatidylinositol glycan anchor biosynthesis, class H (PIGH)
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	20.9 kDa
<b>Concentration:</b>	>50 ug/mL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_004560</a>
<b>Locus ID:</b>	5283
<b>RefSeq Size:</b>	1439
<b>Cytogenetics:</b>	14q24.1
<b>RefSeq ORF:</b>	564
<b>Synonyms:</b>	GPI-H
<b>Summary:</b>	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, Jul 2008]

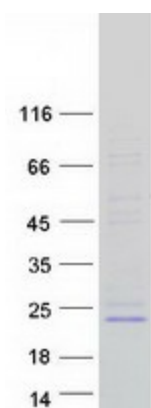


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Protein Families: Transmembrane

Protein Pathways: Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways

### Product images:



Coomassie blue staining of purified PIGH protein (Cat# TP310028). The protein was produced from HEK293T cells transfected with PIGH cDNA clone (Cat# [RC210028]) using MegaTran 2.0 (Cat# [TT210002]).