

Recombinant Human PIGH cell lysate

Cat. No. PIGH-1351HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PIGH phosphatidylinositol glycan anchor biosynthesis, class H [Homo sapiens]
Official Symbol	PIGH
Synonyms	PIGH; phosphatidylinositol glycan anchor biosynthesis, class H; phosphatidylinositol glycan, class H; phosphatidylinositol N-acetylglucosaminyltransferase subunit H; GPI

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	H; PIG-H; phosphatidylinositol-glycan biosynthesis class H protein; phosphatidylinositol-glycan biosynthesis, class H protein; GPI-H;
Gene ID	5283
mRNA Refseq	NM_004569
Protein Refseq	NP_004560
MIM	600154
UniProt ID	Q14442
Chromosome Location	14q24.1
Pathway	Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, organism-specific biosystem; Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Post-translational modification: synthesis of GPI-anchored proteins, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem; Synthesis of glycosylphosphatidylinositol (GPI), organism-specific biosystem;
Function	catalytic activity; phosphatidylinositol N-acetylglucosaminyltransferase activity; transferase activity, transferring glycosyl groups;