

Recombinant Human PIGH Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. PIGH-307H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PIGH MS Standard C13 and N15-labeled recombinant protein (NP_004560) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. [provided by RefSeq, Jul 2008]
Molecular Mass	21.1 kDa
AA Sequence	MEDERSFSDICGGRLALQRRYYSPSCREFCLSCPRLSLRSLTAVTCTVWLAAYGLFT LCENSMILSAAIFITLLGLLGYLHFVKIDQETLLIIDLGLIQTSSYASGKESTTFIEMGK VKDIVINEAIYMQKVIYYLCILLKDPVEPHGISQVVPVFQSAKPRLDCLIEVYRSCQEIL AHQKATSTSPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PIGH phosphatidylinositol glycan anchor biosynthesis, class H [Homo sapiens (human)]

Official Symbol PIGH

Synonyms PIGH; phosphatidylinositol glycan anchor biosynthesis, class H; phosphatidylinositol glycan, class H; phosphatidylinositol N-acetylglucosaminyltransferase subunit H; GPI 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

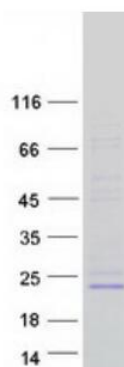
MIM 600154

UniProt ID Q14442

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SDS-PAGE

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