

Product datasheet for PH310028

PIGH (NM_004569) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PIGH MS Standard C13 and N15-labeled recombinant protein (NP_004560)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210028
Predicted MW:	21.1 kDa
Protein Sequence:	>RC210028 protein sequence Red=Cloning site Green=Tags(s) MEDERSFSDICGGRLALQRRYYSPSCREFCLSCPRLSLRSLTAVTCTVWLAAYGLFTLCENSMLSAAIF ITLLGLLGYLHFVKIDQETLLIIDSLGIQMTSSYASGKESTTFIEMGKVKDIVINEAIYMQKVIYYLCIL LKDPVEPHGISQVVPVFQSAKPRLDCLIEVYRSCQEILAHQKATSTSP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004560
RefSeq Size:	1439
RefSeq ORF:	564
Synonyms:	GPI-H
Locus ID:	5283
UniProt ID:	Q14442



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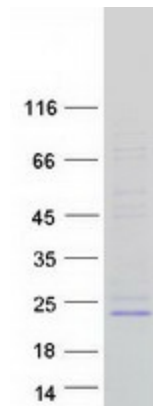
Cytogenetics: 14q24.1

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, Jul 2008]

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]).