

Product datasheet for PH309339

PIGL (NM_004278) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PIGL MS Standard C13 and N15-labeled recombinant protein (NP_004269)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209339
Predicted MW:	28.5 kDa
Protein Sequence:	>RC209339 protein sequence Red=Cloning site Green=Tags(s) MEAMWLLCVALAVLAWGFLWVWDSSERMKSREQGGRLGAESRTLLVIAHPDDEAMFFAPTVLGLARLRHW YVLLCFSAGNYNQGETRKELLQSCDVLGIPLSSVMIIDNRDFPDDPGMQWDEHVARVLLQHIEVNGI NLVYVTFDAGGVSGHSNHIALYAAVRALHSEGKLPKGC SVLTLQSVNVL RKYISLLDLPLSLLHTQDVL FV LNSKEVAQAKKAMSCHRSQLLWFRRLYIIFSR YMRINSL SFL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_004269
RefSeq Size:	1163
RefSeq ORF:	756
Synonyms:	CHIME
Locus ID:	9487
UniProt ID:	Q9Y2B2



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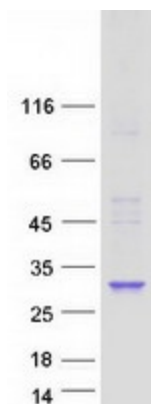
Cytogenetics: 17p11.2

Summary: This gene encodes an enzyme that catalyzes the second step of glycosylphosphatidylinositol (GPI) biosynthesis, which is the de-N-acetylation of N-acetylglucosaminylphosphatidylinositol (GlcNAc-PI). Study of a similar rat enzyme suggests that this protein localizes to 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 PIGL protein (Cat# [TP309339]). The protein was produced from HEK293T cells transfected with PIGL cDNA clone (Cat# [RC209339]) using MegaTran 2.0 (Cat# [TT210002]).