

Recombinant Human PIGL Protein, His-tagged

Cat. No. PIGL-2590H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIGL Protein (Met1-Leu252) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Leu252
Description	This gene encodes an enzyme that catalyzes the second step of glycosylphosphatidyl inositol (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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.2 kDa Accurate Molecular Mass: 29 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	PIGL phosphatidylinositol glycan anchor biosynthesis, class L [Homo sapiens (human)]
Official Symbol	PIGL
Synonyms	PIGL; phosphatidylinositol glycan anchor biosynthesis, class L; phosphatidylinositol glycan, class L; N-acetylglucosaminyl-phosphatidylinositol de-N-acetylase; N acetylglucosaminylphosphatidylinositol deacetylase; PIG-L; N-acetylglucosaminylphosphatidylinositol deacetylase; phosphatidylinositol-glycan biosynthesis class L protein;
Gene ID	9487
mRNA Refseq	NM_004278

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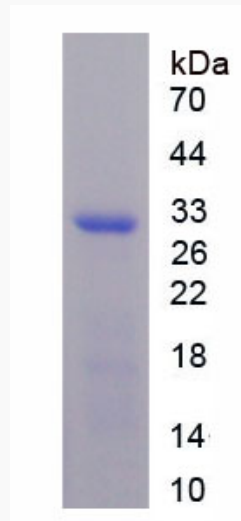
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Protein Refseq NP_004269

MIM 605947

UniProt ID Q9Y2B2



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