

Recombinant Human PIGS, His-tagged

Cat. No. PIGS-1710H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIGS protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-243aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PIGS phosphatidylinositol glycan anchor biosynthesis, class S [Homo sapiens]
Official Symbol	PIGS
Synonyms	PIGS; phosphatidylinositol glycan anchor biosynthesis, class S; phosphatidylinositol glycan, class S; GPI transamidase component PIG-S; GPI transamidase subunit; phosphatidylinositol-glycan biosynthesis class S protein; FLJ45226; DKFZp686K20216;

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Gene ID	94005
mRNA Refseq	NM_033198
Protein Refseq	NP_149975
MIM	610271
UniProt ID	Q96S52
Chromosome Location	17p13.2
Pathway	Attachment of GPI anchor to uPAR, organism-specific biosystem; 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;
Function	contributes_to GPI-anchor transamidase activity; protein binding;