

Recombinant Human PIGK, His-tagged

Cat. No. PIGK-1706H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIGK protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-332aa
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	PIGK phosphatidylinositol glycan anchor biosynthesis, class K [Homo sapiens]
Official Symbol	PIGK
Synonyms	PIGK; phosphatidylinositol glycan anchor biosynthesis, class K; phosphatidylinositol glycan, class K; GPI-anchor transamidase; GPI transamidase subunit; GPI8; hGPI8; PIG-K; GPI8 homolog; phosphatidylinositol-glycan biosynthesis class K protein; MGC22559;

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Gene ID	10026
mRNA Refseq	NM_005482
Protein Refseq	NP_005473
MIM	605087
UniProt ID	Q92643
Chromosome Location	1p31.1
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 binding; GPI-anchor transamidase activity; GPI-anchor transamidase activity; cysteine-type endopeptidase activity; peptidase activity; protein binding;