

Recombinant Human PIGQ, His-tagged

Cat. No. PIGQ-1709H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIGQ protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	460-760aa
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	PIGQ phosphatidylinositol glycan anchor biosynthesis, class Q [Homo sapiens]
Official Symbol	PIGQ
Synonyms	PIGQ; phosphatidylinositol glycan anchor biosynthesis, class Q; phosphatidylinositol glycan, class Q; phosphatidylinositol N-acetylglucosaminyltransferase subunit Q; GPI1; hGPI1; PIG-Q; N-acetylglucosamyl transferase component GPI1; N-acetylglucosaminyl transferase component Gpi1; phosphatidylinositol-glycan

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	biosynthesis class Q protein; c407A10.1 (GPI1 (N-acetylglucosaminyl transferase component)); c407A10.1; FLJ56783; MGC12693;
Gene ID	9091
mRNA Refseq	NM_004204
Protein Refseq	NP_004195
MIM	605754
UniProt ID	Q9BRB3
Chromosome Location	16p13.3
Pathway	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; Synthesis of glycosylphosphatidylinositol (GPI), organism-specific biosystem;
Function	phosphatidylinositol N-acetylglucosaminyltransferase activity; transferase activity, transferring glycosyl groups;