

Recombinant Human PGS1, His-tagged

Cat. No. PGS1-1671H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGS1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	207-556aa
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	PGS1 phosphatidylglycerophosphate synthase 1 [Homo sapiens]
Official Symbol	PGS1
Synonyms	PGS1; phosphatidylglycerophosphate synthase 1; CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase, mitochondrial; DKFZP762M186; PGP synthase 1; MGC131960; DKFZp762M186;

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Gene ID	9489
mRNA Refseq	NM_024419
Protein Refseq	NP_077733
UniProt ID	Q32NB8
Chromosome Location	17q25.3
Pathway	Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; cardiolipin biosynthesis II, organism-specific biosystem; cardiolipin biosynthesis II, conserved biosystem; phosphatidylglycerol biosynthesis II (non-plastidic), organism-specific biosystem;
Function	ATP binding; CDP-diacylglycerol-glycerol-3-phosphate 3-phosphatidyltransferase activity; calcium ion binding; nucleotide binding; phosphotransferase activity, for other substituted phosphate groups; transferase activity;

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