

Recombinant Human PLN, GST-tagged

Cat. No. PLN-1791H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLN protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-52aa
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PLN phospholamban [Homo sapiens]
Official Symbol	PLN
Synonyms	PLN; phospholamban; PLB; cardiac phospholamban; CMD1P; CMH18;
Gene ID	5350

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mRNA Refseq	NM_002667
Protein Refseq	NP_002658
MIM	172405
UniProt ID	P26678
Chromosome Location	6q22.1
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Dilated cardiomyopathy, organism-specific biosystem; Dilated cardiomyopathy, conserved biosystem;
Function	ATPase inhibitor activity; calcium channel regulator activity; protein binding;

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