

Recombinant Human PLOD3, His-tagged

Cat. No. PLOD3-1794H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLOD3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-400aa
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	PLOD3 procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3 [Homo sapiens]
Official Symbol	PLOD3
Synonyms	PLOD3; procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3; procollagen-lysine,2-oxoglutarate 5-dioxygenase 3; LH3; lysyl hydroxylase 3; lysyl hydroxylase 3; lysine hydroxylase 3;

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Gene ID	8985
mRNA Refseq	NM_001084
Protein Refseq	NP_001075
MIM	603066
UniProt ID	O60568
Chromosome Location	7q22.1
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem; Other types of O-glycan biosynthesis, organism-specific biosystem; Other types of O-glycan biosynthesis, conserved biosystem;
Function	L-ascorbic acid binding; iron ion binding; metal ion binding; oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, 2-oxoglutarate as one donor, and incorporation of one atom each of oxygen into both donors