

Recombinant Human PLOD2, GST-tagged

Cat. No. PLOD2-1793H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLOD2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	459-540aa
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	PLOD2 procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2 [Homo sapiens]
Official Symbol	PLOD2
Synonyms	PLOD2; procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2; procollagen lysine, 2 oxoglutarate 5 dioxygenase (lysine hydroxylase) 2; procollagen-lysine,2-oxoglutarate 5-dioxygenase 2; LH2; lysyl hydroxylase 2; lysyl hydroxylase 2; lysine hydroxylase 2; telopeptide lysyl hydroxylase; TLH;

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Gene ID	5352
mRNA Refseq	NM_000935
Protein Refseq	NP_000926
MIM	601865
UniProt ID	O00469
Chromosome Location	3q24
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, 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