Recombinant Human PLOD3 protein, His-tagged

Cat. No. PLOD3-5655H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLOD3 protein(339-738 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	339-738 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	HEPHIADSWPQLQDHFSAVKLVGPEEALSPGEARDMAMDLCRQDPECEFYFSLDA DAVLTNLQTLRILIEENRKVIAPMLSRHGKLWSNFWGALSPDEYYARSEDYVELVQR KRVGVWNVPYISQAYVIRGDTLRMELPQRDVFSGSDTDPDMAFCKSFRDKGIFLHL SNQHEFGRLLATSRYDTEHLHPDLWQIFDNPVDWKEQYIHENYSRALEGEGIVEQP CPDVYWFPLLSEQMCDELVAEMEHYGQWSGGRHEDSRLAGGYENVPTVDIHMKQ VGYEDQWLQLLRTYVGPMTESLFPGYHTKARAVMNFVVRYRPDEQPSLRPHHDSS TFTLNVALNHKGLDYEGGGCRFLRYDCVISSPRKGWALLHPGRLTHYHEGLPTTWG TRYIMVSFVDP
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.

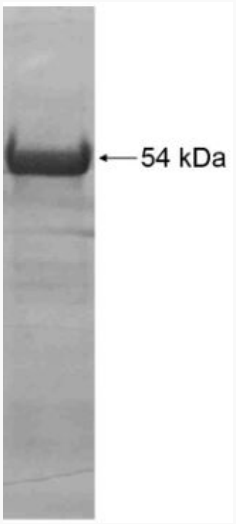
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Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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 hydroxlase 3; lysyl hydroxylase 3; lysine hydroxylase 3;
Gene ID	8985
mRNA Refseq	NM_001084
Protein Refseq	NP_001075
MIM	603066
UniProt ID	O60568

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