

Procollagen Lysine-1,2-Oxoglutarate-5-Dioxygenase 1 (PLOD1) Recombinant Protein | PLOD1 recombinant protein

Recombinant Procollagen Lysine-1,2-Oxoglutarate-5-Dioxygenase 1 (PLOD1)

CATALOG # AAA152093	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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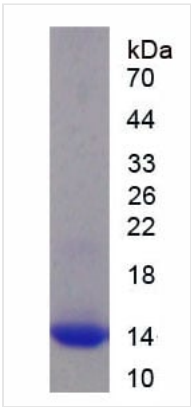
PRODUCT SYNONYMS

Procollagen Lysine-1; 2-Oxoglutarate-5-Dioxygenase 1 (PLOD1); Recombinant Procollagen Lysine-1; PLOD1/Procollagen Lysine-1; 2-Oxoglutarate-5-Dioxygenase 1; LLH; PLOD; LH1; Lysine Hydroxylase; Ehlers-Danlos Syndrome Type VI; Lysyl hydroxylase 1; PLOD1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Gln636~Pro 727
Applicable Applications for PLOD1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	9.1
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Membrane
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Sequence

QFDLA FVRYKPDEQ
PSLMPHHDAS TFTINIALNR VGV DYEGGGC RFLRYNCSIR APRKGWTLMH
PGR LTHYHEG LPTTRGTRYI AVSFVDP

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PLOD1 recombinant protein	Enzyme & Kinase; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32307144
NCBI GeneID	5351
NCBI Accession #	NP_000293.2
NCBI GenBank Nucleotide #	NM_000302.3
UniProt Accession #	Q02809; Q96AV9; Q9H132; B4DR87
Molecular Weight	88,273 Da
NCBI Official Full Name	procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 isoform 2
NCBI Official Synonym Full Names	procollagen-lysine,2-oxoglutarate 5-dioxygenase 1
NCBI Official Symbol	PLOD1
NCBI Official Synonym Symbols	LH; LH1; LLH; EDS6; PLOD
NCBI Protein Information	procollagen-lysine,2-oxoglutarate 5-dioxygenase 1
UniProt Protein Name	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1
UniProt Gene Name	PLOD1
UniProt Synonym Gene Names	LLH; PLOD; LH1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/plod1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152093>