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 #	HOST	APPLICATIONS
AAA153606	**E coli**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

Procollagen Lysine-1; 2-Oxoglutarate-5-Dioxygenase 1 (PLOD1); Recombinant Procollagen Lysine-1; 2-Oxoglutarate-5-Dioxygenase 1; PLOD1 recombinant protein (prokaryotic); Human; 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 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Gln636~Pro727
Applicable Applications for PLOD1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.1
Subcellular Location	Secreted
Research Area	Enzyme & Kinase
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

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                                        QFDLA FVVRYKPDEQ
PSLMPHHDAS TFTINIALNR VGVDYEGGGC RFLRYNCSIR APRKGWTLMH
PGRLTHYHEG LPTTRGTRYI AVSFVDP
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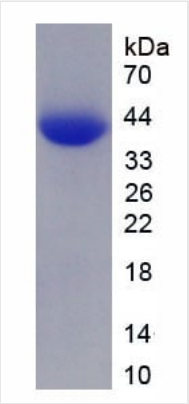
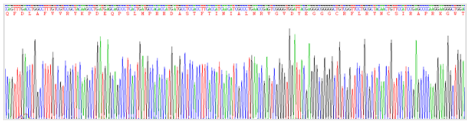
Amino Acid Info
Amino Acid info



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure . Gene Sequencing (extract

ADDITIONAL INFORMATION

Product Categories/Family for PLOD1 recombinant protein	Prokaryotic proteins

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/plod1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153606