

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

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

CATALOG # AAA144453	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Procollagen Lysine-1; 2-Oxoglutarate-5-Dioxygenase 1; Recombinant Procollagen Lysine-1; 2-Oxoglutarate-5-Dioxygenase 1 (PLOD1); PLOD1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 5% Trehalose.
Concentration	Original Concentration: 200µg/mL (varies by lot)
Applicable Applications for PLOD1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Eukaryotic expression
Residues	Gln636~Pro727
Tags	N-terminal His Tag
Subcellular Location	Golgi apparatus
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 5% Trehalose.
Original Concentration	2004g/mL
Predicted isoelectric point	9.1
Predicted Molecular Mass	12.1kDa
Accurate Molecular Mass	15kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	<p>Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.</p> <p>Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p>

IMAGES



SDS-PAGE



Sequence

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://stage.aaabiotech.com/procollagen-lysine-1-2-oxoglutarate-5-dioxygenase-1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144453>