

Lysyl Oxidase (LOX) Recombinant Protein | LOX recombinant protein

Recombinant Lysyl Oxidase (LOX)

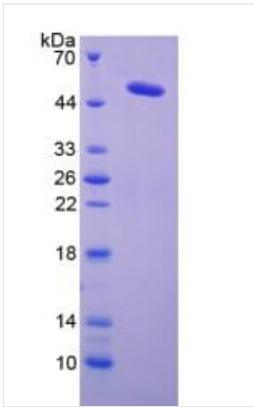
CATALOG # AAA134067	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Lysyl Oxidase (LOX); Recombinant Lysyl Oxidase (LOX); LOX recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for LOX recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Pro213~Tyr417
Tags	N-terminal His and GST Tag
Subcellular Location	Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.2
Usage	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. 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.



PDLVADPY YIQASTYVQK MSMYNLRCAA EENCLASTAY
RADVRDYDHR VLLRFQQRVK NQGTSDFLPS RPRYSWEWHS CHQHYHSMDE
FSHYDLLDAN TQRRVAEGHK ASFCLEDTSC DYGVHRRFAC TAHTQGLSPG
CYDTYGADID CQWIDITDVK PGNYILKVSV NPSYLPESD YTNMNVRCDI
RYTGHAYAS GCTISPY

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149540
NCBI GeneID	4015
NCBI Accession #	NP_002308.2
NCBI GenBank Nucleotide #	NM_002317.5
UniProt Accession #	P28300; Q5FWF0; B2R5Q3
Molecular Weight	Predicted: 53.7kDa Accurate: 53kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	protein-lysine 6-oxidase isoform 1 preproprotein
NCBI Official Synonym Full Names	lysyl oxidase
NCBI Official Symbol	LOX
NCBI Protein Information	protein-lysine 6-oxidase
UniProt Protein Name	Protein-lysine 6-oxidase
UniProt Gene Name	LOX
UniProt Entry Name	LYOX_HUMAN

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.