

Lysyl Oxidase (LOX) Protein | LOX protein

Eukaryotic Lysyl Oxidase (LOX)

CATALOG # AAA150635	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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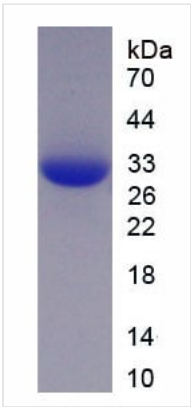
PRODUCT SYNONYMS

Lysyl Oxidase (LOX); Eukaryotic Lysyl Oxidase (LOX); Lysyl Oxidase; Protein-Lysine 6-Oxidase; LOX protein

PRODUCT SPECIFICATIONS

Host	293F cells
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Asp169~Tyr 417
Applicable Applications for LOX protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.3
Subcellular Location	Secreted
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	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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 degree 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.

IMAGES



DD PYNPKYSDD NPYYNYDITY ERPRPGGRYR
PGYGTGYFQY GLPDLVADPY YIQASTYVQK MSMYNLRCAA EENCLASTAY
RADVRDYDHR VLLRFQQRVK NQGTSDFLPS RPRYSWEMHS CHQHYHSMDE
FSHYDLLDAN TQRRVAEGHK ASFCLEDTSC DYGYYHRRFAC TAHTQGLSPG
CYDTYGADID CQWIDITDVK PGNYILKVSU NPSYLVPESD YTNVNVRCDI
RYTGHHAYAS GCTISPY

Sequence

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for LOX protein	Enzyme & Kinase; Eukaryotic proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	257065
NCBI GeneID	4015
UniProt Accession #	P28300; Q5FWF0; B2R5Q3
Molecular Weight	46,944 Da
NCBI Official Full Name	lysyl oxidase
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.

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Online datasheet: <https://stage.aaabiotech.com/293f-cells-protein/lysyl-oxidase-lox/150635>