Lysyl Oxidase (LOX) Recombinant Protein | LOX recombinant protein

Recombinant Lysyl Oxidase (LOX)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20276	**E.coli**	**Mus musculus (Mouse)**	**SDS-Page, Western Blot**

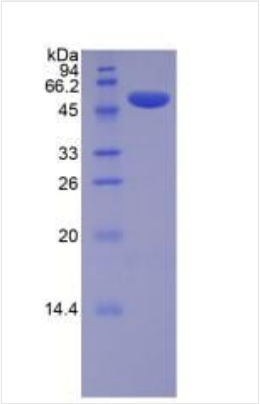
PRODUCT SYNONYMS

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

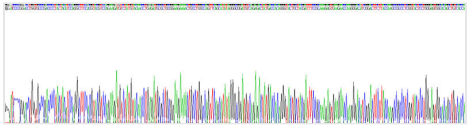
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 500ug/mL (varies by lot)
Applicable Applications for LOX recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Pro207~Tyr411
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.1
Usage	Reconstitute in 10mM 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 degree C for one month. Aliquot and store at -80 degree 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 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



SDS-PAGE



Gene Sequencing (Extract)

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      PDLV PDPYYIQAST YVQKMSMYNL RCAAEENCLA SSAYRADVRD
YDHRVLLRFP QRVKNQGTSD FLPSRPRYSW EWHSCHQHYH SMDEFSHYDL
LDANTQRRVA EGHKASFCLE DTSCDYGYHR RFACTAHTQG LSPGCYDTYA
ADIDCQWIDI TDVQPGNYIL KVSVNPSYLV PESDYTNNVV RCDIRYTGHH
AYASGCTISP Y
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Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	555943929
NCBI GeneID	16948
NCBI Accession #	NP_001273110.1
NCBI GenBank Nucleotide #	NM_001286181.1
UniProt Accession #	P28301
Molecular Weight	Predicted Molecular Mass: 55.4kDa Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	protein-lysine 6-oxidase preproprotein
NCBI Official Synonym Full Names	lysyl oxidase
NCBI Official Symbol	Lox
NCBI Official Synonym Symbols	rrg; TSC-160; AI893619
NCBI Protein Information	protein-lysine 6-oxidase; ras recision; ras excision protein
UniProt Protein Name	Protein-lysine 6-oxidase
UniProt Gene Name	**Lox**
UniProt Synonym Gene Names	Rrg
UniProt Entry Name	LYOX_MOUSE

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/lox-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20276