Lysyl oxidase homolog 4 Protein, Mouse (His)

Cat. No.:	HY-P71606
Synonyms:	Loxl4; Loxc; Lysyl oxidase homolog 4; EC 1.4.3.-; Lysyl oxidase-like protein 4; Lysyl oxidase-related protein C
Species:	Mouse
Source:	E. coli
Accession:	Q924C6 (26Q-757I)
Gene ID:	67573
Molecular Weight:	Approximately 85.9 kDa

PROPERTIES

AA Sequence

Q S S G T K K L R L V G P T D R P E E G R L E V L H Q G Q W G T V C D D D F A L
Q E A T V A C R Q L G F E S A L T W A H S A K Y G Q G E G P I W L D N V R C L G
T E K T L D Q C G S N G W G V S D C R H S E D V G V V C H P R R Q H G Y H S E K
V S N A L G P Q G R R L E E V R L K P I L A S A K R H S P V T E G A V E V R Y D
G H W R Q V C D Q G W T M N N S R V V C G M L G F P S Q T S V N S H Y Y R K V W
N L K M K D P K S R L N S L T K K N S F W I H R V D C L G T E P H L A K C Q V Q
V A P G R G K L R P A C P G G M H A V V S C V A G P H F R R Q K P K P T R K E S
H A E E L K V R L R S G A Q V G E G R V E V L M N R Q W G T V C D H R W N L I S
A S V V C R Q L G F G S A R E A L F G A Q L G Q G L G P I H L S E V R C R G Y E
R T L G D C L A L E G S Q N G C Q H A N D A A V R C N I P D M G F Q N K V R L A
G G R N S E E G V V E V Q V E V N G V P R W G T V C S D H W G L T E A M V T C R
Q L G L G F A N F A L K D T W Y W Q G T P E A K E V V M S G V R C S G T E M A L
Q Q C Q R H G P V H C S H G P G R F S A G V A C M N S A P D L V M N A Q L V Q E
T A Y L E D R P L S M L Y C A H E E N C L S K S A D H M D W P Y G Y R R L L R F
S S Q I Y N L G R A D F R P K A G R H S W I W H Q C H R H Y H S I E V F T H Y D
L L T L N G S K V A E G H K A S F C L E D T N C P S G V Q R R Y A C A N F G E Q
G V A V G C W D T Y R H D I D C Q W V D I T D V G P G D Y I F Q V V V N P T N D
V A E S D F S N N M I R C R C K Y D G Q R V W L H N C H T G D S Y R A N A E L S
L E Q E Q R L R N N L I

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is

	recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Lysyl oxidase homolog 4 (LOXL4) protein is suggested to potentially modulate the formation of a collagenous extracellular matrix. The implication is that LOXL4 plays a role in regulating the assembly or stability of collagen fibers within the extracellular matrix, suggesting its involvement in the structural integrity of tissues. The precise mechanisms and specific contexts in which LOXL4 operates in the modulation of collagen matrix formation remain areas of interest, highlighting its potential significance in tissue development and maintenance.

Caution: Product has not been fully validated for medical applications. For research use only.

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