



Recombinant Mouse Lysyl oxidase homolog 4 (Loxl4)

Product Code	CSB-EP846069MO-B
Abbreviation	Loxl4
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q924C6
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	<p> QSSGT KKLRLVGPTD RPEEGRLEVL HQGQWGTVCD DDFALQEATV ACRQLGFESA LTWAHSAKYG QGEGPIWLDN VRCLGTEKTL DQCGSNGWGV SDCRHSEVVG VVCHPRRQHG YHSEKVSNAL GPQGRRLIEEV RLKPILASAK RHSPVTEGAV EVRYDGHWRQ VCDQGWTMNN SRVVCGMLGF PSQTSVNSHY YRKVWNLKMK DPKSRLNSLT KKNSFWIHRV DCLGTEPHLA KCQVQVAPGR GKLRPACPGG MHAVVSCVAG PHFRRQKPKP TRKESHAEEL KVRLRSGAQV GEGRVEVLMN RQWGTVCDHR WNLISASVVC RQLGFGSARE ALFGAQLGQG LGPIHLSEVR CRGYERTLGD CLALEGSQNG CQHANDA AVR CNIPDMGFQN KVRLAGGRNS EEGVVEVQVE VNGVPRWGTV CSDHWGLTEA MVTCRQLGLG FANFALKDTW YWQGTPEAKE VVMMSGVRCSG TEMALQQCQR HGPVHCSHGP GRFSAGVACM NSAPDLVMNA QLVQETAYLE DRPLSMLYCA HEENCLSKSA DHMDWPYGYR RLLRFSSQIY NLGRADFRPK AGRHSWIWHQ CHRHYHSIEV FTHYDLLTLN GSKVAEGHKA SFCLEDTNCP SGVQRRYACA NFGEQGVAVG CWDTYRHDID CQWVDITDVG PGDYIFQVVV NPTNDVAESD FSNNMIRCRC KYDGQRVWLH NCHTGDSYRA NAELSLEQEQ RLRNNLI </p>
Source	E.coli
Target Names	Loxl4
Protein Names	Recommended name: Lysyl oxidase homolog 4 EC= 1.4.3.- Alternative name(s): Lysyl oxidase-like protein 4 Lysyl oxidase-related protein C
Expression Region	26-757
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a member of the lysyl oxidase gene family. The prototypic



member of the family is essential to the biogenesis of connective tissue, encoding an extracellular copper-dependent amine oxidase that catalyses the first step in the formation of crosslinks in collagens and elastin. A highly conserved amino acid sequence at the C-terminus end appears to be sufficient for amine oxidase activity, suggesting that each family member may retain this function. The N-terminus is poorly conserved and may impart additional roles in developmental regulation, senescence, tumor suppression, cell growth control, and chemotaxis to each member of the family.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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