

Recombinant Mouse Loxl1 Protein, His-tagged

Cat. No. Loxl1-270M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Loxl1(Val392~Ser598) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val392~Ser598
Description	This gene encodes a member of the lysyl oxidase family of copper-dependent enzymes that catalyze the formation of lysine-derived crosslinks in proteins such as collagen and elastin. The encoded preproprotein undergoes proteolytic processing to generate the mature, functional enzyme. Mice lacking the encoded protein fail to deposit normal elastic fibers in the uterine tract post partum and develop pelvic organ prolapse, enlarged airspaces of the lung, loose skin and vascular abnormalities with concomitant tropoelastin accumulation.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	27.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 98%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

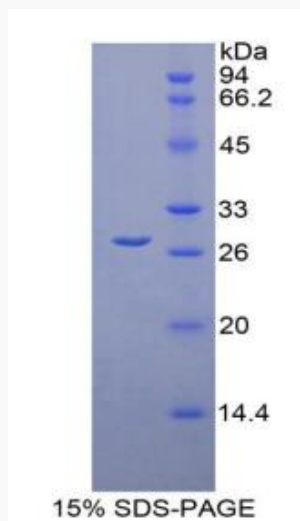
GENE INFORMATION

Gene Name	Loxl1 lysyl oxidase-like 1 [Mus musculus]
Official Symbol	Loxl1
Synonyms	LOXL1; lysyl oxidase-like 1; lysyl oxidase homolog 1; lysyl oxidase 2; lysyl oxidase-like protein 1; Loxl; MGC106801;
Gene ID	16949
mRNA Refseq	NM_010729
Protein Refseq	NP_034859
UniProt ID	P97873

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