Recombinant Mouse Loxl4 Protein, His-tagged

Cat. No. Loxl4-1742M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Loxl4 Protein (Pro534-Ser737) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Pro534-Ser737
Description	Enables protein-lysine 6-oxidase activity. Predicted to be involved in collagen fibril organization and peptidyl-lysine oxidation. Located in extracellular region. Is expressed in several structures, including gut; male reproductive gland or organ; otic capsule; skeleton; and trachea. Orthologous to human LOXL4 (lysyl oxidase like 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.3 kDa Accurate Molecular Mass: 27 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

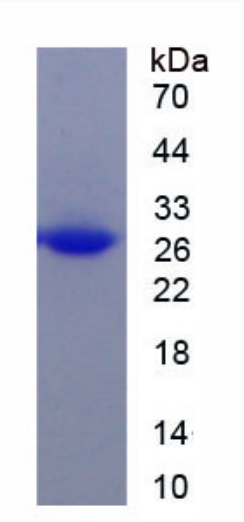
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Loxl4 lysyl oxidase-like 4 [Mus musculus (house mouse)]
Official Symbol	Loxl4
Synonyms	LOXL4; lysyl oxidase-like 4; lysyl oxidase homolog 4; lysyl oxidase-like protein 4; lysyl oxidase-related protein C; Loxc; 4833426I20Rik;
Gene ID	67573
mRNA Refseq	NM_001164311
Protein Refseq	NP_001157783
UniProt ID	Q924C6

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