

Recombinant Mouse LOXL1 Protein (95-607 aa), His-tagged

Cat. No. LOXL1-1446M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse LOXL1 Protein (95-607 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Yeast
ProteinLength	95-607 aa
Description	Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	58.5 kDa
AA Sequence	RQAPSLPLPGRVGS DTVRGQTRHPFGFGQVPDNWREVAVG DSTGMARARTSVSQ QRHGGSSASSVSASAFATTYRQPSYPQQFPYPQAPFVNQYENYDPASRTYEQGY VYYRGAGGGMGAGAAVASAGVIYPFQPRARYEDYGGGGGEEQPEYPAQGFYPA PERPYVPQPQPQPQPQPQPQPSDGLDRRYSHSLYNEGTPGFEQAYPDPSTDV SQAPAGAGGTYGGAGDPRLGWYPPYAANVPPEAYVPPRAVEPQPPFRVLEPPYLP

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VRSSDAPSQGGERNGAQQGRLSVGSVYRPNQNGRGLPDLVPDPNYVQASTYVQR
 AHLYSLRCAAEKCLASTAYAPEATDYDLRVLLRFPQRVKNQGTADFLPNRPRHTW
 EWHSCHQHYHSMDEFSDHYDLLDASTGKKVAEGHKASFCELDSTCDFGNLKRYACT
 SHTQGLSPGCYDTYNADIDCQWIDITDVQPGNYILKVHVNPKYIVLESDFTNNVVRC
 NIHYTG RYVSTTNCKIVQS

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [Loxl1 lysyl oxidase-like 1 \[Mus musculus \]](#)

Official Symbol [LOXL1](#)

Synonyms LOXL1; lysyl oxidase-like 1; Loxl; MGC106801;

Gene ID [16949](#)

mRNA Refseq [NM_010729](#)

Protein Refseq [NP_034859](#)

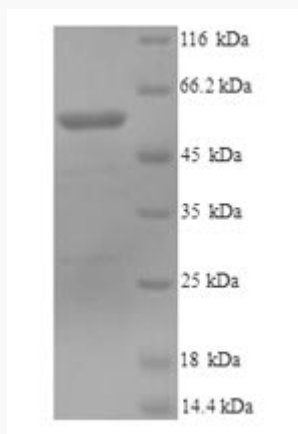
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UniProt ID

P97873



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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