

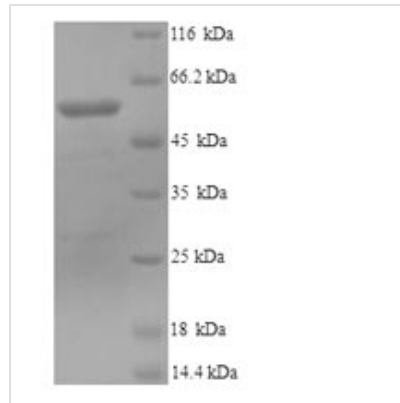


Recombinant Mouse Lysyl oxidase homolog 1 (Loxl1)

Product Code	CSB-YP013040MO
Relevance	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.
Abbreviation	Recombinant Mouse Loxl1 protein
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.	P97873
Alias	Hematopoietin-1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	RQAPSLPLPGRVGS DTVRGQTRHPFGFGQVPDNWREVA VGDSTGMARART SVSQQRHGGSSASSVSASAFATTYRQPSPYPQQFPYPQAPFVNQYENYDPA SRTYEQGYVYYRGAGGGMGAGAAVASAGVIYPFQPRARYEDYGGGGGEE QPEYPAQGFYPAPERPYVPQPQPQPQPQPQPQPSPDGLDRRYSHSLYNEG TPGFEQAYPDPSTDV SQAPAGAGGTYGGAGDPRLGWYPPYAANVPPEAYVP PRAVEPQPPFRVLEPPYLPVRSSDAPSQGGERNGAQQGRLSVG SVYRPNQN GRGLPDLVPDPNYVQASTYVQRAHLYSLRCAAEEKCLASTAYAPEATDYDLR VLLRFPQRVK NQGTADFLPNRPRHTWEWHSCHQH YHSMDEF SHYDLLDAST GKKVAEGHKASF CLEDSTCDFGNL KRYACTSHTQGLSPGCYDTYNADIDCQW IDITDVQPGNYILKVHV NPKYIVLESDF TNNVVR CNIH YTG RYVSTTNCKIVQS
Research Area	Others
Source	Yeast
Target Names	Loxl1
Protein Names	Recommended name: Lysyl oxidase homolog 1 EC= 1.4.3.- Alternative name(s): Lysyl oxidase 2 Lysyl oxidase-like protein 1
Expression Region	95-607aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	58.5kDa

**Protein Length**

Full Length of Mature Protein

Image

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

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

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.