

## Active Recombinant Mouse Loxl2 protein, His-tagged

**Cat. No.** Loxl2-262M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Loxl2 protein(NP_201582.2)(Met1-Gln776), fused with His tag, was expressed in HEK293.                                                                                                                                                                                                |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Met1-Gln776                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from sterile 20 mM MES, 150 mM NaCl, pH 6.5. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Bio-activity</b>     | Measured by its ability to produce hydrogen peroxide during the oxidation of benzylamine. The specific activity is > 3pmoles/min/μg.                                                                                                                                                                   |
| <b>Molecular Mass</b>   | The recombinant mouse Loxl2 consists 762 amino acids and predicts a molecular mass of 85.9 kDa.                                                                                                                                                                                                        |
| <b>Endotoxin</b>        | < 1.0 EU per μg protein as determined by the LAL method.                                                                                                                                                                                                                                               |
| <b>Purity</b>           | > 80 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C                                                                                                                                                                                                                      |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Loxl2 lysyl oxidase-like 2 \[ Mus musculus \]](#)

**Official Symbol** [Loxl2](#)

**Synonyms** LOXL2; lysyl oxidase-like 2; lysyl oxidase homolog 2; lysyl oxidase-like protein 2; 1110004B06Rik; 4930526G11Rik; 9430067E15Rik; MGC102220;

**Gene ID** [94352](#)

**mRNA Refseq** [NM\\_033325](#)

**Protein Refseq** [NP\\_201582](#)

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