

## Active Recombinant Mouse Loxl2 protein, His-tagged

**Cat. No.** LOXL2-9186M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Loxl2(Met1-Gln776) fused with His tag at C-terminal was expressed in HEK293.                                       |
| <b>Species</b>              | Mouse                                                                                                                                |
| <b>Source</b>               | HEK293                                                                                                                               |
| <b>ProteinLength</b>        | Met1-Gln776                                                                                                                          |
| <b>Predicted N Terminal</b> | Gln 26                                                                                                                               |
| <b>Form</b>                 | Lyophilized from sterile 20 mM MES, 150 mM NaCl, pH 6.5.                                                                             |
| <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>               | > (19.0+61.5)% as determined by SDS-PAGE                                                                                             |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70 centigrade                                                    |

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**Storage**

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

**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

**MIM**
**UniProt ID**

P58022

**Chromosome  
Location**

14; 14 D2

**Function**

copper ion binding; metal ion binding; oxidoreductase activity; oxidoreductase activity, acting on the CH-NH2 group of donors, oxygen as acceptor; scavenger receptor activity;

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