

Active Recombinant Mouse Loxl2 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Loxl2(Met1-Gln776) fused with His tag at C-terminal was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gln776
Predicted N Terminal	Gln 26
Form	Lyophilized from sterile 20 mM MES, 150 mM NaCl, pH 6.5.
Bio-activity	Measured by its ability to produce hydrogen peroxide during the oxidation of benzylamine. The specific activity is > 3pmoles/min/μg.
Molecular Mass	The recombinant mouse Loxl2 consists 762 amino acids and predicts a molecular mass of 85.9 kDa.
Endotoxin	<1.0 EU per μg protein as determined by the LAL method.
Purity	> (19.0+61.5)% as determined by SDS-PAGE
Stability	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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