

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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