

# Mouse LOXL2 (His Tag) recombinant protein



Catalog Number: 501526

## General Information

### Gene Name Synonym

Lysyl oxidase-like protein 2

### Protein Construction

A DNA sequence encoding the mouse Loxl2 (NP\_201582.2) (Met1-Gln776) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to produce hydrogen peroxide during the oxidation of benzylamine. The specific activity is > 3pmoles/min/μg.

### Purity

> (19.0+61.5)% as determined by SDS-PAGE

### Endotoxin

<1.0 EU per μg protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gln 26

## Molecular Mass

The recombinant mouse Loxl2 consists 762 amino acids and predicts a molecular mass of 85.9 kDa.

### Formulation

Lyophilized from sterile 20 mM MES, 150 mM NaCl, pH 6.5.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

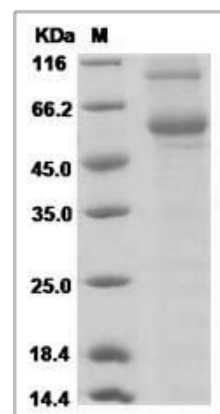
### Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



Mouse LOXL2 / Lysyl oxidase homolog 2 Protein (His Tag)