

## Active Recombinant Human LOXL2 protein, His-tagged

Cat. No. LOXL2-0368H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LOXL2 protein(Gln26-Gln774), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	26-774 a.a.
<b>Form</b>	Supplied as 0.2 µm filtered solution in 20 mM MES, 50 mM NaCl, pH6.5 with trehalose as protectant.
<b>Bio-activity</b>	Bioactivity Measured by its ability to produce hydrogen peroxide during the oxidation of benzylamine. The specific activity is >5 pmol/min/µg.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 86.0 kDa. The protein migrates as 100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Gln26-Gln774
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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**Storage** For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**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 \[ Homo sapiens \]](#)

**Official Symbol** [LOXL2](#)

**Synonyms** LOXL2; lysyl oxidase-like 2; lysyl oxidase homolog 2; WS9 14; lysyl oxidase related 2; lysyl oxidase-like protein 2; lysyl oxidase-related protein 2; lysyl oxidase-related protein WS9-14; LOR2; WS9-14;

**Gene ID** [4017](#)

**mRNA Refseq** [NM\\_002318](#)

**Protein Refseq** [NP\\_002309](#)

**MIM** [606663](#)

**UniProt ID** [Q9Y4K0](#)

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