

Active Recombinant Human LOXL2 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human LOXL2 protein(Gln26-Gln774), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-774 a.a.
Form	Supplied as 0.2 µm filtered solution in 20 mM MES, 50 mM NaCl, pH6.5 with trehalose as protectant.
Bio-activity	BioactivityMeasured by its ability to produce hydrogen peroxide during the oxidation of benzylamine. The specific activity is >5 pmol/min/µg.
Molecular Mass	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.
Proteinlength	Gln26-Gln774
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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