

Recombinant Human LOXL3 Protein, His-tagged

Cat. No. LOXL3-277H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LOXL3(Thr519~Asn726) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr519~Asn726
Description	This gene encodes a lysyl oxidase, which likely functions as an amine oxidase and plays a role in the formation of crosslinks in collagens and elastin. Deletion of the related gene in mouse causes neonatal mortality with cleft palate, spine deformity, and defects in collagen organization. A mutation in this gene was found in a family with Stickler syndrome.
Form	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	27.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein.

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

LOXL3 lysyl oxidase-like 3 [Homo sapiens]

Official Symbol

LOXL3

Synonyms

LOXL3; lysyl oxidase-like 3; lysyl oxidase homolog 3; lysyl oxidase-like protein 3; LOXL;

Gene ID

84695

mRNA Refseq

NM_032603

Protein Refseq

NP_115992

MIM

607163

UniProt ID

P58215

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