

Active Recombinant Human LOXL2 protein, His-tagged

Cat. No. LOXL2-3923H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LOXL2 protein(Q9Y4K0) (Met 1-Gln 774) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-774 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to produce hydrogen peroxide during the oxidation of benzylamine. The specific activity is > 2 pmoles/min/μg.
Molecular Mass	The recombinant human LOXL2 consists of 760 amino acids and has a predicted molecular mass of 85.5 kDa. The apparent molecular mass of rh LOXL2 is approximately 100 & 60 KDa in SDS-PAGE under reducing conditions, corresponding to the unprocessed and processed form respectively.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 60 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

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

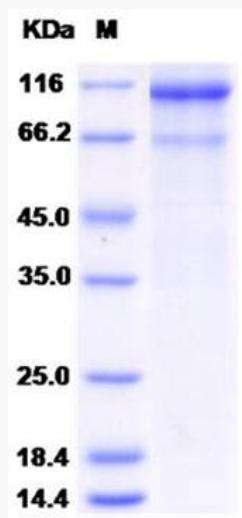
Q9Y4K0

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SDS-PAGE



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