

General Information

Gene Name Synonym

Lysyl oxidase-like protein 2; Lysyl oxidase-related protein 2; Lysyl oxidase-related protein WS9-14

Protein Construction

A DNA sequence encoding the human LOXL2 (Q9Y4K0) (Met 1-Gln 774) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to produce hydrogen peroxide during the oxidation of benzylamine. The specific activity is > 2 pmoles/min/ μ g.

Purity

> 60 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the 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 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.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

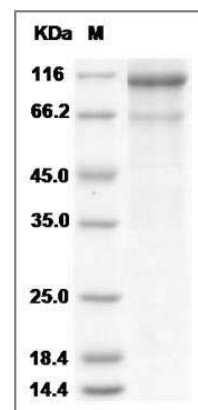
Storage

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



Human LOXL2 / Lysyl oxidase homolog 2 Protein (His Tag) SDS-PAGE