

Product Information

MemDX™ Antibody Discovery - Human LOXL2 (26-774) Membrane Protein, Partial, -His -Avi tag, [Biotin]

Cat. No.: **MP0569F**

This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human LOXL2 (26-774). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

LOXL2

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 87.8 kDa.

Sequence

AA Gln 26 - Gln 774 (Accession # Q9Y4K0-1).

Product Description

Application

SDS-PAGE

Expression Systems

HEK293

Tag

His tag at the C-terminus, followed by an Avi tag.

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Conjugation

Biotin

Buffer

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

The product **MUST** be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions

Target

Target Protein

LOXL2

Full Name

lysyl oxidase like 2

Introduction

This gene encodes a member of the lysyl oxidase gene family. The prototypic member of the family is essential to the biogenesis of connective tissue, encoding an extracellular copper-dependent amine oxidase that catalyses the first step in the formation of crosslinks in collagens and elastin. A highly conserved amino acid sequence at the C-terminus end appears to be sufficient for amine oxidase activity, suggesting that each family member may retain this function. The N-terminus is poorly conserved and may impart additional roles in developmental regulation, senescence, tumor suppression, cell growth control, and chemotaxis to each member of the family.

Alternative Names

LOR; LOR2; WS9-14; lysyl oxidase homolog 2; lysyl oxidase related 2; lysyl oxidase-like 2 delta e13; lysyl oxidase-like 2 protein; lysyl oxidase-like protein 2; lysyl oxidase-related protein 2; lysyl oxidase-related protein WS9-14

Gene ID

[4017](#)

UniProt ID

[Q9Y4K0](#)