

Mouse LOXL2 Protein

Cat. No. LOX-MM102

Description

Source	Recombinant Mouse LOXL2 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Gln26-Gln776.
Accession	P58022-1
Molecular Weight	The protein has a predicted MW of 85.53 kDa. Due to glycosylation, the protein migrates to 90-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE

Formulation and Storage

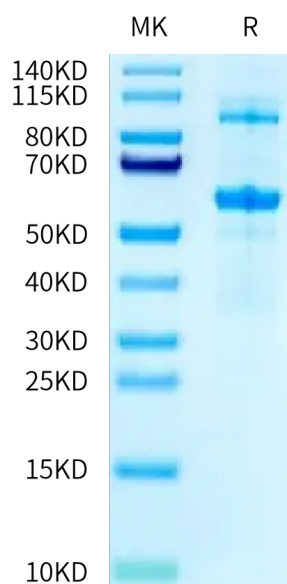
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Lysyl oxidase-like 2 (LOXL2) is a copper and lysine tyrosyl-quinone (LTQ)-dependent amine oxidase belonging to the lysyl oxidase (LOX) family, the canonical function of which is to catalyze the crosslinking of elastin and collagen in the extracellular matrix (ECM).

Assay Data

Bis-Tris PAGE



Mouse LOXL2 on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.