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Datasheet for ABIN7504457

LOXL2 Protein (AA 26-776) (His tag)



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Overview

Quantity:	100 μg
Target:	LOXL2
Protein Characteristics:	AA 26-776
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LOXL2 protein is labelled with His tag.

Product Details

Purpose:	Mouse LOXL2 Protein
Sequence:	Gln26-Gln776
Characteristics:	Recombinant Mouse LOXL2 Protein is expressed from HEK293 with His tag at the C-terminus.It contains Gln26-Gln776.
Purity:	> 90 % as determined by Tris-Bis PAGE
Sterility:	0.22 μm filtered
Endotoxin Level:	Less than 1EU per μg by the LAL method.

Target Details

Target:	LOXL2
Alternative Name:	LOXL2 (LOXL2 Products)

Target Details

Expiry Date:

12 months

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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).
Molecular Weight:	85.53 kDa. Due to glycosylation, the protein migrates to 90-100 kDa based on Tris-Bis PAGE result.
Pathways:	Chromatin Binding
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
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