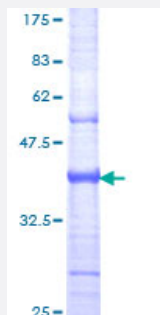


LOXL2 (Human) Recombinant Protein (Q01)

Catalog # H00004017-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LOXL2 partial ORF (NP_002309, 675 a.a. - 773 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NFGDQGITMGCWDMYRHDIDCQWVDITDVPPGDYLFQVVINPNFEVAESDYSNNIMKCRSRYDGH RIWMYNCHIGGSFSEETEKKFEHFSGLLNQLSP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (91); Rat (91)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LOXL2

Entrez GeneID [4017](#)

GeneBank Accession# [NM_002318](#)

Protein Accession# [NP_002309](#)

Gene Name LOXL2

Gene Alias LOR2, WS9-14

Gene Description lysyl oxidase-like 2

Omim ID [606663](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations lysyl oxidase homolog 2|lysyl oxidase related 2

Disease

- [Genetic Predisposition to Disease](#)
- [Intracranial Aneurysm](#)

- [Long QT syndrome](#)
- [Torsades de Pointes](#)