

Recombinant Human LOXL2 Protein, GST-tagged

Cat. No. LOXL2-4731H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LOXL2 partial ORF (NP_002309, 675 a.a. - 773 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	36.63 kDa
AA Sequence	NFGDQGITMGCWDMYRHDIDCQWVDITDVPPGDYLFQVVINPNFEVAESDYSNNIM KCRSRYDGHRIWMYNCHIGGSFSEETEKKFEHFSGLLNNQLSP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

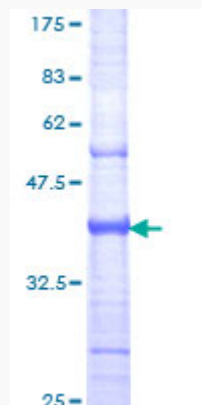
Gene Name	LOXL2 lysyl oxidase-like 2 [Homo sapiens]
Official Symbol	LOXL2
Synonyms	LOXL2; lysyl oxidase-like 2; lysyl oxidase homolog 2; WS9 14; lysyl oxidase related 2; lysyl oxidase-like protein 2; lysyl oxidase-related protein 2; lysyl oxidase-related protein WS9-14; LOR2; WS9-14;
Gene ID	4017
mRNA Refseq	NM_002318
Protein Refseq	NP_002309
MIM	606663
UniProt ID	Q9Y4K0

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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