Recombinant Human LOXL3 Protein, GST-tagged

Cat. No. LOXL3-4730H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LOXL3 partial ORF (NP_115992, 171 a.a. - 270 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. Alternatively spliced transcript variants of this gene have been reported but their full-length nature has not been determined. [provided by RefSeq
Molecular Mass	36.74 kDa
AA Sequence	IRPAVGWGRRPLPVTEGLVEVRLPDGWSQVCDKGWSAHNSHVVCGMLGFPSEKR VNAAFYRLLAQRQQHSFGLHGVACVGTEAHLSLCSLEFYRANDTAR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

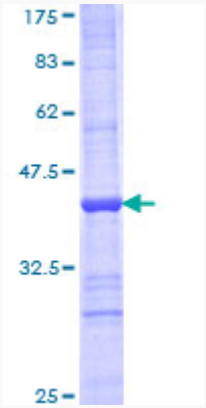
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production 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	LOXL3 lysyl oxidase-like 3 [Homo sapiens]
Official Symbol	LOXL3
Synonyms	LOXL3; lysyl oxidase-like 3; lysyl oxidase homolog 3; lysyl oxidase-like protein 3; LOXL;
Gene ID	84695
mRNA Refseq	NM_032603
Protein Refseq	NP_115992
MIM	607163
UniProt ID	P58215

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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