Recombinant Human LOXL3, GST-tagged

Cat. No. LOXL3-132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LOXL3 (526-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	526-end a.a.
Description	LOXL3 is a member of the lysyl oxidase gene family. This family is essential to the biogenesis of connective tissue. The lysyl oxidase gene family encoding an extracellular copper-dependent amine oxidase that catalyses the first step in the formation of crosslinks in collagens and elastin. LOXL3 is highly expressed in central nervous system, uterus, heart, and leukocyte. LOXL3 plays an important role in developmental regulation, senescence, tumor suppression, cell growth control, and chemotaxis.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~54 kDa
Purity	>90% by densitometry
Applications	Western Blot

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Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 μg/μl

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
Chromosome Location	2p13
Function	copper ion binding; copper ion binding; metal ion binding; oxidoreductase activity; oxidoreductase activity, acting on the CH-NH2 group of donors, oxygen as acceptor; protein-lysine 6-oxidase activity; scavenger receptor activity;

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