Recombinant Human LOXL4 protein, FLAG-tagged

Cat. No. LOXL4-2159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LOXL4(500–end) fused with FLAG tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
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.
Form	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 20% glycerol and 3 mM DTT.
Molecular Mass	31 kDa
Purity	>20%
Applications	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

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Storage	>6 months at –80 centigrade. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	LOXL4 lysyl oxidase-like 4 [Homo sapiens]
Official Symbol	LOXL4
Synonyms	LOXL4; lysyl oxidase-like 4; lysyl oxidase homolog 4; FLJ21889; LOXC; lysyl oxidase related C; lysyl oxidase-like protein 4; lysyl oxidase-like 4 pseudogene; lysyl oxidase-related protein C;
Gene ID	84171
mRNA Refseq	NM_032211
Protein Refseq	NP_115587
MIM	607318
UniProt ID	Q96JB6
Chromosome Location	10q24
Function	copper ion binding; metal ion binding; oxidoreductase activity; protein binding; protein-lysine 6-oxidase activity; scavenger receptor activity;

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