

Recombinant Mouse Lox Protein, MYC/DDK-tagged

Cat. No. Lox-1333M Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Purified recombinant protein of full-length mouse lysyl oxidase (Lox), with C-terminal MYC/DDK tag, was expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | This gene encodes a precursor protein that belongs to the lysyl oxidase family of proteins. The secreted proprotein is proteolytically processed to an active mature peptide and a propeptide. This propeptide is thought to function in tumor suppression by inhibiting the Ras signaling pathway. The active enzyme plays a role in cross-linking of collagen and elastin and is essential for development of cardiovascular and respiratory systems, and development of skin and connective tissue. Alternative splicing results in multiple transcript variants. |
| Molecular Mass | 47.2 kDa |
| Purity | >80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |
| Concentration | >50 g/mL as determined by microplate BCA method |

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Lox lysyl oxidase \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Lox](#)

Synonyms Lox; lysyl oxidase; rrg; TSC-160; AI893619; protein-lysine 6-oxidase; ras excision protein; ras recision; EC 1.4.3.13

Gene ID [16948](#)

mRNA Refseq [NM_010728](#)

Protein Refseq [NP_034858](#)

UniProt ID [P28301](#)

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