

Recombinant Human LOX protein, T7/His-tagged

Cat. No. LOX-157H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LOX cDNA (169 - 417aa, Isoform-1, which derived from BC074872) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	169-417 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGGQQMGRGHHHHHGNLYFQGGEFDDPYNPYKYSDDNPYNNYYDTYER PRPGGRYRPGYGTGYFYGLPD LVADPYIQASTYVQKMSMYNLRCAAEEENCLAS TAYRADVRDYDHRVLLRFPQRVKNQGTSDFLPSRPRYSWEWH SCHQHYHSMDEF SHYDLLDANTQRRVAEGHKASFLEDTSCDYGYHRRFACTAHTQGLSPGCYDTYG ADIDCQWI DITDVKPGNYILKVSVNPSYLPESDYTNNVVRCDIRYTGHAYASGCTI SPY
Purity	>90% by SDS-PAGE
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

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GENE INFORMATION

Gene Name	LOX lysyl oxidase [Homo sapiens]
Official Symbol	LOX
Synonyms	LOX; lysyl oxidase; protein-lysine 6-oxidase; MGC105112;
Gene ID	4015
mRNA Refseq	NM_001178102
Protein Refseq	NP_001171573
MIM	153455
UniProt ID	P28300
Chromosome Location	5q23.3-q31.2
Function	copper ion binding; metal ion binding; oxidoreductase activity; protein-lysine 6-oxidase activity;

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