Recombinant Rat LOX Protein (163-411 aa), His-tagged

Cat. No. LOX-628R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat LOX Protein (163-411 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Rat
Source	E.coli
ProteinLength	163-411 aa
Description	Responsible for the post-translational oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	33.0 kDa
AA Sequence	DDPYNPYKYSDDNPYYNYYDTYERPRSGSRHRPGYGTGYFQYGLPDLVPDPYYIQ ASTYVQKMSMYNLRCAAEENCLASSAYRADVRDYDHRVLLRFPQRVKNQGTSDFL PSRPRYSWEWHSCHQHYHSMDEFSHYDLLDASTQRRVAEGHKASFCLEDTSCDY GYHRRFACTAHTQGLSPGCYDTYAADIDCQWIDITDVQPGNYILKVSVNPSYLVPES DYSNNVVRCEIRYTGHHAYASGCTISPY
Purity	> 90% as determined by SDS-PAGE.

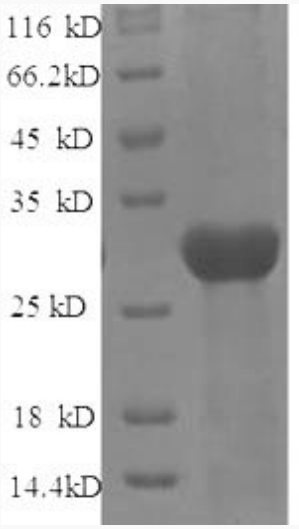
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45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	Lox lysyl oxidase [Rattus norvegicus]
Official Symbol	LOX
Synonyms	LOX; lysyl oxidase; Rrg1; H-rev142;
Gene ID	24914
mRNA Refseq	NM_017061
Protein Refseq	NP_058757
UniProt ID	P16636

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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