Protein-lysine 6-oxidase (LOX) Recombinant Protein | LOX recombinant protein

Recombinant Human Protein-lysine 6-oxidase (LOX)

CATALOG #	HOST
AAA18499	**E Coli or Yeast or Baculovirus or Mammalian Cell**

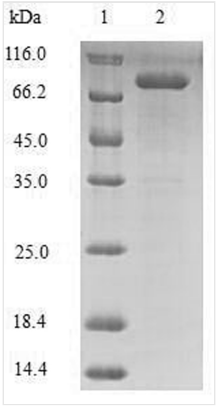
PRODUCT SYNONYMS

Protein-lysine 6-oxidase (LOX); Recombinant Human Protein-lysine 6-oxidase (LOX); Protein-lysine 6-oxidase; EC=1.4.3.13; Lysyl oxidase; LOX recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	169-417. Full Length of Mature Protein
Sequence	DDPYNPYKYS DDNPYYNYYD TYERPRPGGR YRPGYGTGYF QYGLPDLVAD PYYIQASTYV QKMSMYNLRC AAEENCLAST AYRADVRDYD HRVLLRFPQR VKNQGTSDFL PSRPRYSWEW HSCHQHYHSM DEFSHYDLLD ANTQRRVAEG HKASFCLEDT SCDYGYHRRF ACTAHTQGLS PGCYDTYGAD IDCQWIDITD VKPGNYILKV SVNPSYLVPE SDYTNNVVRC DIRYTGHHAY ASGCTISPY
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for LOX recombinant protein	Responsible for the post-translational oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin. In addition to cross-linking of extracellular matrix proteins, may have a direct role in tumor suppression.
Product Categories/Family for LOX recombinant protein	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149540
NCBI GeneID	4015
NCBI Accession #	NP_002308.2
NCBI GenBank Nucleotide #	NM_002317.5
UniProt Accession #	P28300; Q5FWF0; B2R5Q3
Molecular Weight	49.0 kDa
NCBI Official Full Name	protein-lysine 6-oxidase isoform 1 preproprotein
NCBI Official Synonym Full Names	lysyl oxidase
NCBI Official Symbol	LOX
NCBI Protein Information	protein-lysine 6-oxidase
UniProt Protein Name	Protein-lysine 6-oxidase
UniProt Gene Name	**LOX**
UniProt Entry Name	LYOX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/lox-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/18499