

Lysyl oxidase homolog 3 (LOXL3) Recombinant Protein | LOXL3 recombinant protein

Recombinant Human Lysyl oxidase homolog 3 (LOXL3)

CATALOG #
AAA81683

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Lysyl oxidase homolog 3 (LOXL3); Recombinant Human Lysyl oxidase homolog 3 (LOXL3); LOXL3 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	26-753aa; Full Length of Mature Protein
Sequence	SPSPSTGPEK KAGSQGLRFR LAGFPRKPYE GRVEIQRAGE WGTICDDDFD LQAAHILCRE LGFTEATGWT HSAKYGPGTG RIWLDNLSCS GTEQSVTECA SRGWGNSDCT HDEDAGVICK DQRLPGFSDS NVIEVEHHLQ VEEVRIRPAV GWGRRPLPVT EGLVEVRLPD GWSQVCDKGW SAHNSHVCG MLGFPSEKRV NAAFYRLLAQ RQQHSFGLHG VACVGTEAHL SLCSLEFYRA NDTARCPGGG PAVVSCVPGP VYAASSGQKK QQQSKPQGEA RVRLKGG AHP GEGRVEVLKA STWGTVCDRK WDLHAASVVC RELGFGSARE ALSGARMGQG MGAHLSEVR CSGQELSLWK CPHKNITAED CSHSQDAGVR CNLPYTGAET RIRLSGGRSQ HEGRVEVQIG GPGPLRWGLI CGDDWGTLEA MVACRQLGLG YANHGLQETW YWDSGNITEV VMMSGVRCGTG ELSLDQCAHH GTHITCKRTG TRFTAGVICS ETASDLLLHS ALVQETAYIE DRPLHMLYCA AEENCLASSA RSANWPYGHR RLLRFSSQIH NLGRADFRPK AGRHSWWVHE CHGHYHSM DI FTHYDILTPN GTKVAEGHKA SFCLEDTECQ EDVSKRYECA NFGEQGITVG CWDLYRHDID CQWIDITDVK PGNYILQVVI NPNFEVAESD FTNNAMKCNC KYDGHRIWVH NCHIGDAFSE EANRRFERYP GQTSNQII
Species	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.

ADDITIONAL INFORMATION

Related Product Information for LOXL3 recombinant protein	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. Alternatively spliced transcript variants of this gene have been reported but their full-length nature has not been determined.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	574957232
NCBI GeneID	84695
NCBI Accession #	NP_001276093.1
NCBI GenBank Nucleotide #	NM_001289164.2
UniProt Accession #	P58215; Q2EHP2; Q6IPL7; Q96RS1; D6W5J1

Molecular Weight	67,445 Da
NCBI Official Full Name	lysyl oxidase homolog 3 isoform 2
NCBI Official Synonym Full Names	lysyl oxidase like 3
NCBI Official Symbol	LOXL3
NCBI Official Synonym Symbols	LOXL
NCBI Protein Information	lysyl oxidase homolog 3
UniProt Protein Name	Lysyl oxidase homolog 3
UniProt Gene Name	LOXL3

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/loxl3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/81683>