



Recombinant Human LOXL4 Protein Product Manual

1. Product Basic Information

Product No.: REP07373

Protein Name: Lysyl Oxidase Like Lysyl Oxidase Homolog Lysyl Oxidase Related Lysyl Oxidase-Like Protein Lysyl Oxidase-Like 4 Pseudogene (LOXL4)

Aliases: lysyl oxidase like lysyl oxidase homolog lysyl oxidase related lysyl oxidase-like protein lysyl oxidase-like 4 pseudogene; lysyl oxidase-related protein C

UniProt ID: Q96JB6

UniProt Link: <https://www.uniprot.org/uniprotkb/Q96JB6/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (25-756aa)

Molecular Weight: 85.9kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (25-756aa)

QSLGTTKLRLVGPESKPEEGRLEVLHQGWGTVCDDNFAIQEATVACRQLGFEEA
LTWAHSAKYGGEGPIWLDNVRCVGTESSLDQCGSNGWGVSDCSHSEVDGVICH
PRRHRGYLSETVSNALGPQGRRLEEVRLKPILASAKQHSPVTEGAVEVKYEGHWR
QVCDQGWMTMNSRVVCGMLGFPSEVPVDSHYRKYVWDLKMRDPKSRLKSLTNK
NSFWIHQVTCLGTEPHMANCQVQVAPARGKLRPACPGGMHAVVSCVAGPHFRPP
KTKPQRKGSWAEPRVRLRSGAQVGEGRVEVLMNRQWGTVCDDRWNLISASVV
CRQLGFGSAREALFGARLGQGLGPIHLSEVRCRGYERTLSDCPALEGSQNGCQHE
NDAAVRCNVPNMGFQNVRLAGGRIPPEGLLEVQVEVNGVPRWGSVCSENWGLT
EAMVACRQLGLGFHAYKETWFWSGTPRAQEVVMSGVRCSGTELALQQCQRHG
PVHCSHGGRFLAGVSCMDSAPDLVMNAQLVQETAYLEDRLPSQLYCAHEENCLS
KSADHMDWPYGYRLLRFSTQIYNLGRDTRPKTGRDSWVWHQCHRHYHSIEVFT
HYDLLTLNGSKVAEGHKASFCLDTNCPTGLQRRYACANFGEQGVTVCWDITYR
HDIDCQWVDITDVGPNGYIFQVIVNPHYEVAESDFSNNMLQCRCKYDGHVWLHN
CHTGNSYPANAELSLEQEQLRNLI



3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human LOXL4 full length of mature protein protein (25-756aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. LOXL4, also known as lysyl oxidase like lysyl oxidase homolog lysyl oxidase related lysyl oxidase-like protein lysyl oxidase-like 4 pseudogene or lysyl oxidase-related protein C, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.