



Recombinant Mouse LOXL2 Protein Product Manual

1. Product Basic Information

Product No.: REP07371

Protein Name: LOXL2

Aliases: LOR; LOR2; WS9-14

UniProt ID: Q9Y4K0

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y4K0/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (26-776aa)

Molecular Weight: 88.4kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (26-776aa)

QYEGWPYQLQYPEYFQQPAPEHHQRQVPSDVVKIQVRLAGQKRKHNEGRVEVYY
EGQWGTVCDDDFSIIHAAHVVCRRQVGYVEAKSWAASSSYGPGEPIWLDNIYCTGK
ESTLASCSSNGWGVTDCKHTEDVGVVCSEKRIPGFKFDNSLINQIESLNIQVEDIRIR
PILSAFRHRKPVTGEGYVEVKEGKAWKQICNKHWTAKNSHVVCGMFGFPAEKTYNP
KAYKTFASRRKRLRYWKFSMNCTGTEAHISSCKLGPSVTRDPVKNATCENGQPAVV
SCVPSQIFSPDGPSRFRKAYKPEQPLVRLRGGAQVGEGRVEVLKNGEWGTICDDK
WDLVSASVVCRELGFGTAKAITGSRLGQGIGPIHLNEVQCTGTEKSIIDCKFNTE
QGCNHEEDAGVRCNIPIMGFQKKVRLNGGRNPYEGRVEVLTERNGLVWGTVC
QNWGIVEAMVVCRLGLGFASNAFQETWYWHGNIFANNVVMMSGVKCSGTLSLA
HCRHDEEVACPEGGVRFAGVACSETAPDLVLNAEIVQQTAYLED RPMSLLQCAM
EENCLSASAVHTDPTRGHRRLRFSSQIHNNQSDFRPKNGRHAWIWHDCHRH
HSMEVFTYYDLLSLNGTKVAEGHKASFCELTECEGDIQKSYECANFGEQGITMGC
WDMYRHDIDCQWIDITDVPPGDYLFQVVINPNYEVPESDFSNNIMKCRSRYDGYRI
WMYNCHVGGAFFSEETEQQFEHFSGLLNNQLSVQ

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



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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 Mouse LOXL2 full length of mature protein protein (26-776aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. LOXL2, also known as LOR or LOR2 or WS9-14, 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.