



Recombinant Human LMO4 Protein Product Manual

1. Product Basic Information

Product No.: REP07365

Protein Name: Lmo-Lim Domain Only Lim-Only 4 Protein (LMO4)

Aliases: LMO-LIM domain only LIM-only 4 protein; breast tumor autoantigen

UniProt ID: P61968

UniProt Link: <https://www.uniprot.org/uniprotkb/P61968/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-165aa)

Molecular Weight: 45.0kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-165aa)

MVNPGSSSQPPPVTAGSLSWKRCAGCGGKIADRFLLYAMDSYWHSRCLKCSCCQ
AQLGDIGTSCYTKSGMILCRNDYIRLFGNSGACSACGQSIPASELVMRAQGNVYHL
KCFTCSTCRNRLVPGDRFHYINGSLFCEHDRPTALINGHLNSLQSNPLLPDQKVC

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 LMO4 full length protein (1-165aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. LMO4, also known as LMO-LIM domain only LIM-only 4 protein or breast tumor autoantigen, 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.