

Recombinant Common timothy PRO1 Protein Product Manual

1. Product Basic Information

Product No.: REP07904

Protein Name: Lamin A/C (PRO1)

Aliases: lamin A/C

UniProt ID: O04725

UniProt Link: <https://www.uniprot.org/uniprotkb/O04725/entry>

Species Source: Phleum pratense (Common timothy)

Expression System: Mammalian cell

Protein Length: Full Length of Mature Protein (2-131aa)

Molecular Weight: 43.0 kDa

Protein Tag: C-terminal hFc1-tagged

2. Amino Acid Sequence (2-131aa)

SWQTYVDEHLMCEIEGHHLASAAILGHDGTVWAQSADFPQFKPEEITGIMKDFDEP
GHLAPTGMFVAGAKYMWIQGEPGRVIRGKKGAGGITIKKTGQALVVGIYDEPMTPG
QCNMVERLGDYLVEQGM

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 Common timothy PRO1 full length of mature protein protein (2-131aa) expressed in Mammalian cell. The protein is with hFc1 tag at the C-terminus, which facilitates protein purification, detection and identification. PRO1, also known as lamin A/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.