



Recombinant Human MEIS3 Protein Product Manual

1. Product Basic Information

Product No.: REP07437

Protein Name: Meis Homeobox Homeobox Protein Meis3 (MEIS3)

Aliases: Meis homeobox homeobox protein Meis3

UniProt ID: Q99687

UniProt Link: <https://www.uniprot.org/uniprotkb/Q99687/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-375aa)

Molecular Weight: 48.6 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-375aa)

MARRYDELPHYPGIVDGPAAALASFPETVPAVPGPYGPHRPPQPLPPGLDSDGLKR
EKDEIYGHPLFPLLALVFEKCELATCSPRDGAGAGLGTTPPGDVCSSDSFNEDIAAF
AKQVRSERPLFSSNPELDNLMIAIQVLRFHLLLEKVDLDCDNFCHRYITCLKGKM
PIDLVIEDRDGGCREDFEDYPASCPSPDQNNMWIRDHEDSGSVHLGTPGPSSGG
LASQSGDNSSDQGDGLDTSVASPSSGGEDEDLDQERRRNKKRGIFPKVATNIMRA
WLFQHLSHYPYPSEEQKKQLAQDTGLTILQVNNWFINARRRIVQPMIDQSNRTGQGA
AFSPEGQPIGGYTETQPHVAVRPPGSGVMSLNLEGEWHYL

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 MEIS3 full length protein (1-375aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. MEIS3, also known as Meis homeobox homeobox protein Meis3, 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.