



Recombinant Human MND1 Protein Product Manual

1. Product Basic Information

Product No.: REP07481

Protein Name: Homolog Of Yeast Mnd1 (MND1)

Aliases: homolog of yeast MND1; meiotic nuclear division protein 1 homolog

UniProt ID: Q9BWT6

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9BWT6/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-205aa)

Molecular Weight: 30.5 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (2-205aa)

SKKKGLSAEEKRTRMMEIFSETKDVFQLKDLEKIAPKEKGITAMSVKEVLQSLVDDG
MVD CERIGTSNYYWAFPSKALHARKHKLEVLESQ LSEGSQKHASLQKSIEKAKIGR
CETEERTRLAKELSSLRDQREQLKAEVEKYKDCDPQVV EIRQANKVAKEAANRW
TDNIFAIKSWAKRKFGFEENKIDRTFGIPEDFDYID

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 MND1 full length of mature protein protein (2-205aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. MND1, also known as homolog of yeast MND1 or meiotic nuclear division protein 1 homolog, 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.