



# Recombinant Human MCM9 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07427

**Protein Name:** Dj329L24.Dj329L24.Dna Helicase Mcm9 (MCM9)

**Aliases:** ODG4; MCMD1; C6orf61; dJ329L24.dJ329L24.DNA helicase MCM9;  
DNA 3'-5' helicase MCM9; DNA replication licensing factor MCM9

**UniProt ID:** Q9NXL9

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q9NXL9/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Partial (1-391aa)

**Molecular Weight:** 48.0 kDa

**Protein Tag:** N-terminal 6xHis-tagged

## 2. Amino Acid Sequence (1-391aa)

MNSDQVTLVGQVFESYVSEYHKNDILLILKERDEDAHYPVVVNAMTLFETNMEIGEY  
FNMFPSEVLTI FDSALRRSALTILQSLSQPEAVSMKQNLHARISGLPVCPELVREHIP  
KTKDVGHFSLVTGTVIRTSLVKVLEFERDYMCNKCKHVFVIKADFEQYYTFCRPSSC  
PSLESCDSSKFTCLSGLSSTPTRCRDYQEIKIQEQVQRLSVGSIPRSMKVILEDDL  
DSCKSGDDLTIGIVMQRWKPFPQQDVRCEVEIVLKANYIQVNNEQSSGIMDEEVQK  
EFEDFWYYKSDPFAGRNVLASLCPQVFGMYLVKLAVAMVLAGGIQRTDATGTRV  
RGESHLVVGDPTGKSQFLKYAAKITPRSVLTGTGIGSTSAGLTVTAVK

## 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 MCM9 partial protein (1-391aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. MCM9, also known as ODG4 or MCMDC1 or C6orf61, 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.