

# Human MCM7 Recombinant Protein



RPPB3946

## Product Information Protein Information

**Product SKU:**

RPPB3946

**Accession:**

P33993

**Host:**

Escherichia Coli.

**Protein description:**

MCM7 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 437 amino acids (1-414) and having a molecular mass of 48.6 kDa. MCM7 is fused to a 23 amino acid His-tag at N-terminus.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Minichromosome Maintenance Complex Component 7, MCM7 Minichromosome Maintenance Deficient 7 (*S. Cerevisiae*), Minichromosome Maintenance Deficient (*S. Cerevisiae*) 7, DNA Replication Licensing Factor MCM7, Homolog of *S. Cerevisiae* Cdc47, CDC47 Homolog, P1CDC47, PNAS146, P85MCM, MCM2, CDC47, P1.1-MCM3, EC 3.6.4.12.

**Formulation:**

The MCM7 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 85% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MGSMMVVATYT CDQCGAETYQ PIQSPTFMPL IMCPSQECQT NRS GGRLYLQ  
TRGSRFIK FQ EMKMQEHS DQ VPVGNIPRSI TVLVEGENTR IAQPGDHVSV TGIFLPILRT GFRQVVQGLL  
SETYLEAHRI VKMKNKSEDE SGAGELTREE LRQIAEEDFY EKLAASIAPE IYGHEDVKKA LLLL VGGVD  
QSPRGMKIRG NINICLMGDP GVAKSQLLSY IDRLAPRSQY TTGRGSSGVG LTAAVLRDSV SGELTLEGGA  
LVLADQGVCC IDEFDKMAEA DRTAIHEVME QQTISIAKAG ILTTLNARCS ILAAANPAYG RYNPRRSLEQ  
NIQLPAALLS RFDLLWLIQD RPDRDNDLRL AQHITYVHQH SRQPPSQFEP LDMKLMRRYI AMCREKQPMV  
PESLADYITA AYYEMRR