

Recombinant Human MCM5 protein, His-tagged

Cat. No. MCM5-3254H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MCM5 protein(388-735 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	388-735 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SQLLKFEKCSPIGVYTSGKGSSAAGLTASVMRDPSSRNFIMEGGAMVLADGGVVC IDFDKMREDDRVAIHEAMEQQTISIAGAGITTTLSRCSVLAAANSVFGRWDETKGE DNIDFMPTILSRFDMIFIVKDEHNEERDVMLAKHVITLHVSALTQTQAVEGEIDLAKLK KFIAYCRVKCGPRLSAEAAEKLKNRYIIMRSGARQHERDSDRRSSIPITVRQLEAIVRI AEALSKMKLQPFATEADVVEALRLFQVSTLDAALSGTSLGVEGFTSQEDQEMLSRIE KQLKRRFAIGSQVSEHSIIKDFTKQKYPEHAHKVLQLMLRRGEIQHRMQRKVLYRLK
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

MCM5 minichromosome maintenance complex component 5 [Homo sapiens]

Official Symbol

MCM5

Synonyms

MCM5; minichromosome maintenance complex component 5; CDC46, MCM5 minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae) , minichromosome maintenance deficient (S. cerevisiae) 5 (cell division cycle 46); DNA replication licensing factor MCM5; CDC46 homolog; minichromosome maintenance deficient 5 (cell division cycle 46); MCM5 minichromosome maintenance deficient 5, cell division cycle 46; CDC46; P1-CDC46; MGC5315;

Gene ID

4174

mRNA Refseq

NM_006739

Protein Refseq

NP_006730

MIM

602696

UniProt ID

P33992

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