

Recombinant Human MCM4 protein, His-tagged

Cat. No. MCM4-3275H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MCM4 protein(515-859 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	515-859 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	SKSQLLQYVYNLVRGQYTSGKGSSAVGLTAYVMKDPETRQLVLQTGALVLSDNIGCCIDEFDKMNESTRSVLHEVMEQQTLIAKAGIICQLNARTSVLAAANPIESQWNPCKTTIENIQLPHTLLSRFDLIFLMLDPQDEAYDRRLAHLVALYYQSEEQAEELLDMAVLKDYIAYAHSTIMPRLSEEASQALIEAYVDMRKIGSSRGMVSAYPRQLESRLRLAEAHAKVRLSNKVEAIDVEEAKRLHREALKQSATDPRTGIVDISILTTGMSATSRKRKEELAEALKKLILSKGKTPALKYQQLFEDIRGQSDIAITKDMFEEALRALADDDFLTVTGKT
Purity	85%, 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

[MCM4 minichromosome maintenance complex component 4 \[Homo sapiens \]](#)

Official Symbol

[MCM4](#)

Synonyms

MCM4; minichromosome maintenance complex component 4; CDC21, MCM4 minichromosome maintenance deficient 4 (*S. cerevisiae*); DNA replication licensing factor MCM4; CDC54; hCdc21; MGC33310; P1 Cdc21; CDC21 homolog; minichromosome maintenance deficient 4; homolog of *S. pombe* cell division cycle 21; MCM4 minichromosome maintenance deficient 4; CDC21; P1-CDC21;

Gene ID

[4173](#)

mRNA Refseq

[NM_005914](#)

Protein Refseq

[NP_005905](#)

MIM

[602638](#)

UniProt ID

[P33991](#)

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