

Recombinant Human MCM2 protein, His-tagged

Cat. No. MCM2-3212H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MCM2 protein(P49736)(2-904aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-904aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	105.8 kDa
AA Sequence	AESSESFTMASSPAQRRRGNDPLTSSPGRSSRRTDALTTSSPGRDLPPFEDESEGLL GTEGPLEEEEEDGEELIGDGMRDYRAIPELDAYEAEGALDDEDVEELTASQREAAE RAMRQRDREAGRGLGRMRRGLLYDSDEEDEERPARKRRQVERATEDGEEDEEMI ESIENLEDLKGHSVREWVSMAGPRLEIHHRFKNFLRTHVDSHGHNVFKERISDMCK ENRESLVVNYEDLAAREHVLAYFLPEAPAEELLQIFDEAALEVVLAMYPKYDRITNHHI VRISHLPLVEELRSLRQLHLNQLIRTSGVVTSTCTGVLPQLSMVKYNCNKC�FVLGPF CQSQNQEVKPGSCPECQSAGPFVEVNMEETIYQNYQRIRIQESPGKVAAGRLPRSKD AILLADLVDSCKPGDEIELTGIYHNNYDGSNTANGFPVFATVILANHVAKKDNKVAV GELTDEDVKMITSLSKDQQIGEKIFASIAPSIYGHEDIKRGALALALFGGEPKNPGGKHK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VRGDINVLLCGDPGTAKSQFLKYIEKVSSRAIFTTGQGASAVGLTAYVQRHPVSREW
 TLEAGALVLADRGVCLIDEFDKMNDQDRTSIHEAMEQQSISISKAGIVTSLQARCTVIA
 AANPIGGRYDPSLTFSENVDLTEPIISRFDILCVVRDTVDPVQDEMLARFVVGSHVRH
 HPSNKEEEGLANGSAAEPAMPNTYGVEPLPQEVLLKKYIIYAKERVHPKLNQMDQDK
 VAKMYSDLRKESMATGSIPITVRHIESMIRMAEAHARIHLRDYVIEDDVNMAIRVMLE
 SFIDTQKFSVMRSMRKTFARYLSFRRDNNELLLFILKQLVAEQVTYQRNRFGAQQDT
 IEVPEKDLVDKARQINIHNLSAFYDSELMNKFSDHLKRKMILQQF

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name MCM2 minichromosome maintenance complex component 2 [Homo sapiens]

Official Symbol MCM2

Synonyms MCM2; minichromosome maintenance complex component 2; CCNL1, CDCL1, MCM2 minichromosome maintenance deficient 2, mitotin (S. cerevisiae) , minichromosome maintenance deficient (S. cerevisiae) 2 (mitotin); DNA replication licensing factor MCM2; BM28; cdc19; D3S3194; KIAA0030; mitotin; cyclin-like 1; nuclear protein BM28; cell devision cycle-like 1; minichromosome maintenance protein 2 homolog; minichromosome maintenance deficient 2 (mitotin); MCM2 minichromosome maintenance deficient 2, mitotin; CCNL1; CDCL1; MITOTIN;

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	MGC10606;
Gene ID	4171
mRNA Refseq	NM_004526
Protein Refseq	NP_004517
MIM	116945
UniProt ID	P49736

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