

Recombinant Human MCM5 Protein, GST and His-tagged

Cat. No. MCM5-009H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full length Human minichromosome maintenance complex component 5 (MCM5), with N-terminal GST and C-terminal HIS tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is structurally very similar to the CDC46 protein from <i>S. cerevisiae</i> , a protein involved in the initiation of DNA replication. The encoded protein is a member of the MCM family of chromatin-binding proteins and can interact with at least two other members of this family. The encoded protein is upregulated in the transition from the G0 to G1/S phase of the cell cycle and may actively participate in cell cycle regulation. [provided by RefSeq, Jul 2008]
Molecular Mass	110.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25mM Tris, pH 8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Full Length	Full L.

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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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