

Recombinant Human MCMBP Protein, GST-tagged

Cat. No. MCMBP-417H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C10orf119 full-length ORF (AAH04183.1, 1 a.a. - 640 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	DNA replication is a carefully orchestrated process involving many proteins that assemble at origins of replication. Among these are the 6 proteins of the minichromosome maintenance (MCM) complex (e.g., MCM2; MIM 116945), which form a hexamer. Each MCM subunit performs an essential function in initiation and elongation of DNA replication. MCMBP can replace MCM2 in the MCM complex, thus forming an alternative MCM hexamer (Sakwe et al., 2007 [PubMed 17296731]).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	99.1 kDa
AA Sequence	MPCGEDWLSHPLGIVQGFFAQNGVNPDWEKKVIEYFKEKLENNAPKWVPSLNEV PLHYLKPNSFVKFRCEMIQDMFDPEFYMGVYETVNQNTKAHVLHFGKYRDVAECGP QQELDLNSPRNTTLERQTFYCVVPGESTWVKEAYVNANQARVSPSTSYTPSRHK RSYEDDDDDMDLQPNKQKDQHAGARQAGSVGGLQWCGEPKRLETEASTGQQLNSL NLSSPFDLNFPLPGEKGPAACLVKVYEDWDCFKVNDILELYGILSVDPVLSILNNDERD ASALLDPMECTDTAEEQRVHSPASLVPRIHVILAQKLQHINPLLPACLNKEESKTFV SSFMSSELPVRAELLGFLTHALLGDSLAAEYLILHLISTVYTRRDVLPGLKFTVNLSGC

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PRNSTFTEHLYRIIQHLVPASFRLQMTIENMNLKFIHKDYTANRLVSGLLQLPSNTS
 LVIDETLLEQGGQLDTPGVHNVLTALSNLITWQKVDYDFSQMEFPCNINVFITSEGRS
 LLPADCQIHLQPQLIPPNMEEYMNSLLSAVLPSVLNKFRIYLTLLRFLEYSISDEITKAV
 EDDFVEMRKNDPQSITADDLHQLLVVARCLSLASAGQTTLRERWLRKQLESLRRT
 RLQQQKCVNGNEL

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [MCMBP minichromosome maintenance complex binding protein \[Homo sapiens \]](#)

Official Symbol [MCMBP](#)

Synonyms C10orf119; chromosome 10 open reading frame 119; MCM-binding protein; MCM-BP; mcmbp; MCMBP_HUMAN; Mini-chromosome maintenance complex-binding protein; Minichromosome maintenance complex binding protein;

Gene ID [79892](#)

mRNA Refseq [NM_024834.3](#)

Protein Refseq [NP_079110.1](#)

MIM [610909](#)

UniProt ID [Q9BTE3](#)

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