

Recombinant Full Length Human MCMBP Protein, GST-tagged

Cat. No. MCMBP-1635HF **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	In Vitro Cell Free System
ProteinLength	640 amino acids
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	MPCGEDWLSH PLGIVQGFFA QNGVNPDWEK KVIEYFKEKL KENNAPKWVP SLNEVPLHYL KPNSFVKFRC MIQDMFDPEF YMGVYETVNQ NTKAHVLHFG KYRDVAECGP QQELDLNSPR NTTLERQTFY CVPVPGESTW VKEAYVNANQ ARVSPSTSYT PSRHKRSYED DDDMDLQPNK QKDQHAGARQ AGSVGGLQWC GEPKRLETEA STGQQQLNSLN LSSPFDLNFPLPGEKGPAVL VKVYEDWDCF

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KVNDILELYG ILSVDPVLSI LNNDERDASA LLDPMECTDT AEEQRVHSPP
 ASLVPRIHVI LAQKLQHINP LLPACLNKEE SKTFVSSFMS ELSPVRAELL
 GFLTHALLGD SLAAEYLILH LISTVYTRRD VLPLGKFTVN LSGCPRNSTF
 TEHLYRIIQH LVPASFRLQM TIENMNLHKL IPHKDYTANR LVSGLLQLPS
 NTSVIDETL LEQGQLDTPG VHNVTALSNL ITWQKVDYDF SYHQMEFPCN
 INVFITSEGR SLLPADCQIH LQPQLIPPNM EYMNSLLSA VLPSVLNKFR
 IYLTLLRFLE YSISDEITKA VEDDFVEMRK NDPQSITADD LHQLLVVARC
 LSLSAGQTTL SRERWLRKQ LESLRTRLQ QQKCVNGNEL

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; mcmdbp; 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

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UniProt ID

Q9BTE3

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