

Minichromosome Maintenance Complex Component 7 Human Recombi-

Item Number	rAP-4113
Synonyms	Minichromosome Maintenance Complex Component 7, MCM7 Minichromosome Maintenance Deficient 7 (S. Cerevisiae), Minichromosome Maintenance Deficient (S. Cerevisiae) 7, DNA Replication Licensing Factor MCM7, Homolog of S. Cerevisiae Cdc47, CDC47 Homolog, P1CD
Description	MCM7 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 437 amino acids (1-414) and having a molecular mass of 48.6 kDa. MCM7 is fused to a 23 amino acid His-tag at N-terminus.
Uniprot Accession Number	P33993
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMVVATYT CDQCGAETYQ PIQSPTFMPL IMCPSQECQT NRSGGRLYLQ TRGSRFIKFQ EMKMQEHSQD VPVGNIPRSI TVLVEGENTR IAQPGDHVSV TGIFLPILRT GFRQVVQGLL SETYLEAHRI VKMKNSEDDE SGAGELTREE LRQIAEEDFY EKLAASIAPE IYGHEDVKKA LLLLLVGGVD QSPRGMKIRG NINICLMGDP GVAKSQLLSY IDRLAPRSQY TTGRGSSGVG LTAAVLRDSV SGELTLEGGA LVLADQGVCC IDEFDKMAEA DRTAIHEVME QQTISIAKAG ILTTLNARCS ILAAANPAYG RYNPRRSLEQ NIQLPAALLS RFDLLWLIQD RPDRDNDLRL AQHITYVHQH SRQPP-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The MCM7 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**