

## Product datasheet for **LY300239**

### MCM7 Human Knockdown Lysate

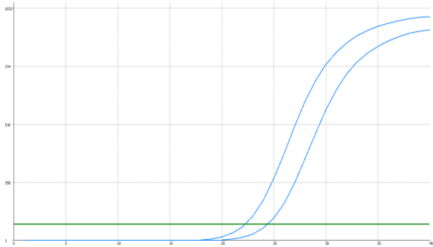
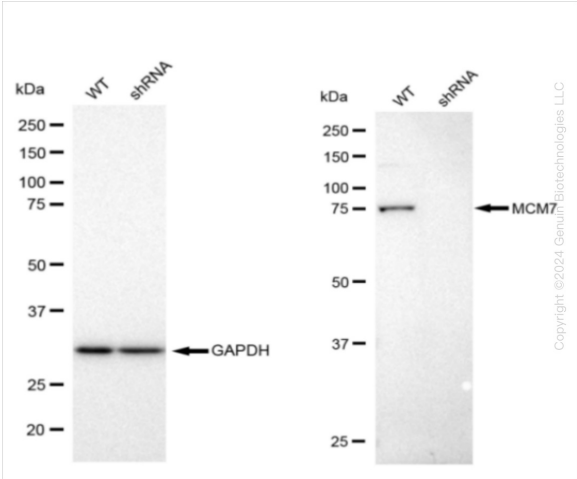
#### Product data:

Product Type:	Knockdown Lysates
Description:	WB-validated MCM7 Knockdown HeLa Cell Lysate
Species:	Human
Expression Host:	HeLa
Tag:	Tag Free
Synonyms:	MCM7; Minichromosome Maintenance Complex Component 7; P1CDC47; MCM2; P85MCM; CDC47; PNAS146; P1.1-MCM3; DNA Replication Licensing Factor MCM7; CDC47 Homolog; Homolog Of S. Cerevisiae Cdc47; MCM7 Minichromosome Maintenance Deficient 7 (S. Cerevisiae); Minichromosome Maintenance Deficient 7; Minichromosome Maintenance Deficient (S. Cerevisiae) 7; EC 3.6.4.12
Predicted MW:	81 kDa
Components:	1 vial of 100 ug WT HeLa cell lysate 1 vial of 100 ug MCM7 KD HeLa cell lysate
Storage:	Store at -20 °C for two years.
Concentration:	Lot-specific
Buffer:	IntactProtein Cell-Tissue Lysis buffer
Locus ID:	4176
UniProt ID:	<a href="#">P33993</a>
Protein Families:	Transcription Factors
Protein Pathways:	Cell cycle, DNA replication



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Product images:



Genotype	Ct Value
Wild-Type	22.20
Knock-Down	24.26
$\Delta Ct$ ( $Ct_{KD} - Ct_{WT}$ )	2.06
% mRNA Reduction	↓ 76%

RT-qPCR analysis. HeLa cells were infected with MCM7-specific shRNA lentiviral particles, total RNA was extracted from wild-type and knockdown cells, RT-qPCR was performed using gene-specific primers.  $\Delta Ct$  ( $Ct_{KD} - Ct_{WT}$ ) was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula:  $(1 - 1/2^{\Delta Ct}) \times 100\%$ .