

Recombinant Human MCM8, GST-tagged

Cat. No. MCM8-782H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MCM8 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-356aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	MCM8 minichromosome maintenance complex component 8 [Homo sapiens]
Official Symbol	MCM8
Synonyms	MCM8; minichromosome maintenance complex component 8; C20orf154, chromosome 20 open reading frame 154; DNA replication licensing factor MCM8; dJ967N21.5; MGC4816; MGC12866; MGC119522; MGC119523; REC; REC homolog (Drosophila); REC homolog; minichromosome maintenance 8; MCM8

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	minichromosome maintenance deficient 8; C20orf154;
Gene ID	84515
mRNA Refseq	NM_032485
Protein Refseq	NP_115874
MIM	608187
UniProt ID	Q9UJA3
Chromosome Location	20p12.3
Pathway	Activation of ATR in response to replication stress, organism-specific biosystem; Activation of the pre-replicative complex, organism-specific biosystem; Assembly of the pre-replicative complex, organism-specific biosystem; CDC6 association with the ORC:origin complex, organism-specific biosystem; CDT1 association with the CDC6:ORC:origin complex, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle Checkpoints, organism-specific biosystem;
Function	ATP binding; DNA binding; nucleoside-triphosphatase activity; nucleotide binding;