

## Product datasheet for **TP502178**

### Gmn (NM\_020567) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse geminin (Gmn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA** >MR202178 protein sequence

**Clone or AA Sequence:** **Red**=Cloning site **Green**=Tags(s)

MNLSMKQKQEGAQENVKNSPVPRTLKMIQPSADGSLVGRENELPKGLFKRKLWDDQLASQTSSCGPEAN  
ENKDVGDLTQEAFDLISKENPSSQYWKEVAEQRRKALYEALKENEKHLHKEIEQKDSEIARLRKENKDLAE  
VAEHVQYMAEVIERLSNEPLDNFESPDSQEFDSEEEAVEYSELEDSGAGTCAEETVSSSTDARPCT

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 23.3 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_065592](#)

**Locus ID:** 57441

**UniProt ID:** [O88513](#), [Q3V295](#)

**RefSeq Size:** 995

**Cytogenetics:** 13 A3.1



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RefSeq ORF: 621

Synonyms: AW546347; Gem

Summary: Inhibits DNA replication by preventing the incorporation of MCM complex into pre-replication complex (pre-RC). It is degraded during the mitotic phase of the cell cycle. Its destruction at the metaphase-anaphase transition permits replication in the succeeding cell cycle.  
[UniProtKB/Swiss-Prot Function]