

Recombinant Human GMNN Protein (M1-I209), Tag Free

Cat. No. GMNN-0565H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GMNN(M1-I209 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-I209
Description	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. Inhibits histone acetyltransferase activity of KAT7/HBO1 in a CDT1-dependent manner, inhibiting histone H4 acetylation and DNA replication licensing. Inhibits the transcriptional activity of a subset of Hox proteins, enrolling them in cell proliferative control.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	GMNN geminin, DNA replication inhibitor [Homo sapiens (human)]
Official Symbol	GMNN
Synonyms	GMNN; geminin, DNA replication inhibitor; geminin; Gem;
Gene ID	51053
mRNA Refseq	NM_001251989
Protein Refseq	NP_001238918
MIM	602842
UniProt ID	O75496

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