

Geminin Recombinant Protein | GMNN recombinant protein

Geminin, 1-209aa, Human, His tag, E Coli

CATALOG # AAA48451	HOST E Coli	APPLICATIONS SDS-Page
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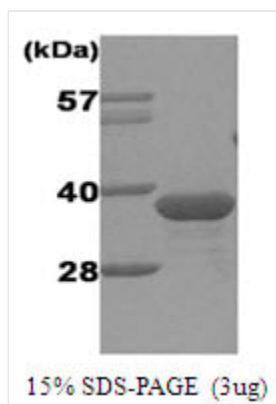
PRODUCT SYNONYMS

Geminin; 1-209aa; Human; His tag; E Coli; GMNN; DNA replication inhibitor; Gem; Geminin DNA replication inhibitor; OTTHuMP00000039393; RP3 369A17.3.; GMNN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris (pH 8.0), 100mM NaCl, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS MNPS MKQKQEEIKE NIKNSSVPRR TLKMIQPSAS GSLVGRENEL SAGLSKRKHR NDHLTSTSS PGVIVPESSE NKNLGGVTQE SFDLMIKENP SSQYWKEVAE KRRKALYEAL KENEKLHKEI EQKDNEIARL KKENKELAEV AEHVQYMAEL IERLNGEPLD NFESLDNQEF DSEETVEDS LVEDSEIGTC AEGTVSSSTD AKPCI
Sequence Length	209
Applicable Applications for GMNN recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GMNN recombinant protein	Geminin is a 25 kDa protein, which inhibits DNA replication and is degraded during the mitotic phase of the cell cycle. Geminin controls replication by binding to the licensing factor Cdt1, and is involved in neural differentiation. In addition, geminin directly interacts with Six3 and Hox homeodomain proteins during embryogenesis and inhibits their functions.
Product Categories/Family for GMNN recombinant protein	Cell Cycle
References	McGarry T.J. et al (1998) Cell. 93 (6):1043-53.; Pitulescu M. et al (2005) Cell Mol Life Sci. 62 (13):1425-33.; Luo L. et al (2004) Nature. 427 (6976):749-53;

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705682
NCBI GeneID	51053
NCBI Accession #	NP_056979
NCBI GenBank Nucleotide #	NM_015895.4
UniProt Accession #	O75496; Q9H1Z1; B3KMM8
Molecular Weight	27.6kDa (245aa), confirmed by MALDI-TOF.
NCBI Official Full Name	geminin
NCBI Official Synonym Full Names	geminin, DNA replication inhibitor
NCBI Official Symbol	GMNN
NCBI Official Synonym Symbols	Gem; MGORS6
NCBI Protein Information	geminin
UniProt Protein Name	Geminin
UniProt Gene Name	GMNN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gmnn-recombinant-protein-e-coli-sds-page/48451>