

AR09030PU-L

Recombinant human Geminin (GMNN), His-tagged

Alternate names:

GMNN

Quantity:

0.5 mg

Concentration:

1.0 mg/ml

Background:

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.

Uniprot ID:

[O75496](#)

NCBI:

[NP_056979.1](#)

GeneID:

[51053](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95% >= 95% by SDS PAGE

Buffer System: 20 mM Tris (pH 8.0), 100 mM NaCl, 10% Glycerol

Description:

Recombinant His-tagged human Geminin

AA Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS MNPS MKQKQEEIKE NIKNSSVPRR
TLKMIQPSAS GSLVGRENEL SAGLSKRKHR NDHLTSTSS PGVIVPESSE NKNLGGVTQE
SFDLMIKENP SSQYWKEVAE KRRKALYEAL KENEKLHKEI EQKDNEIARL KKENKELAEV
AEHVQYMAEL IERLNGEPLD NFESLDNQEF DSEEETVEDS LVEDSEIGTC AEGTVSSSTD AKPCI

Molecular weight: 27.7 kDa 27.7 kDa (245 aa)

Storage:

Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.

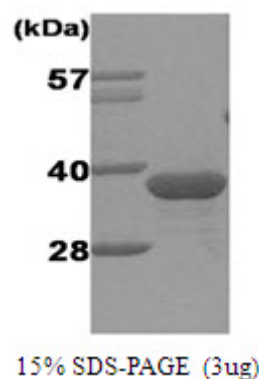
Shelf life: one year from despatch.

General Readings:

Pitulescu M. et al (2005) Cell Mol Life Sci. 62(13):1425-33.

Luo L. et al (2004) Nature. 427(6976):749-53.

Pictures:



Geminin: 15% SDS-PAGE

