Recombinant Human GMNN protein, His-tagged

Cat. No. GMNN-28741TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GMNN(1-209aa) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-209 a.a.
Description	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.
Form	Liquid. In 20mM Tris (pH 8.0), 100mM NaCl, 10% Glycerol
Molecular Mass	27.6kDa (245aa), confirmed by MALDI-TOF.
AA Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMNPS MKQKQEEIKE NIKNSSVPRR TLKMIQPSAS GSLVGRENEL SAGLSKRKHRNDHLTSTTSS PGVIVPESSE NKNLGGVTQE SFDLMIKENP SSQYWKEVAE KRRKALYEAL KENEKLHKEI EQKDNEIARL KKENKELAEVAEHVQYMAEL IERLNGEPLD NFESLDNQEF DSEEETVEDS LVEDSEIGTC AEGTVSSSTD AKPCI
Purity	> 95% by SDS - PAGE

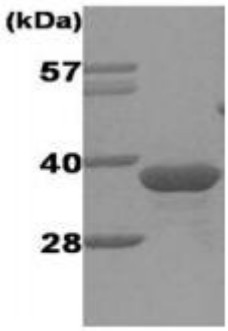
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Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	GMNN geminin, DNA replication inhibitor [Homo sapiens]
Official Symbol	GMNN
Synonyms	GMNN; geminin, DNA replication inhibitor; geminin; Gem;
Gene ID	51053
mRNA Refseq	NM_015895
Protein Refseq	NP_056979
MIM	602842
UniProt ID	O75496

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15% SDS-PAGE (3ug)

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