

Recombinant Human minichromosome maintenance complex component 3 associated protein, GST-Tagged

Cat. No. MCM3AP-4372H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GANP Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain having a total Mw of 43kDa. GANP is fused to a GST tag and is purified by proprietary chromatographic techniques.
Species	Human
Source	Human
Description	GANP has a phosphorylation-dependent DNA-primase activity that is up-regulated in germinal center B regions/cells. GANP is related with MCM3, a protein essential for DNA replication. Increased expression of GANP is related with malignant transformation of melanocytes. GANP functions in the regulation of DNA repair during replication and survival of B cells.
Form	GANP is supplied in 50mM Tris-Acetate, pH-7.5, 1mM EDTA and 20% Glycerol.
Physical Appearance	Sterile filtered colorless solution.
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
Functions	DNA binding; protein binding; sequence-specific DNA binding transcription factor activity; zinc ion binding

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GENE INFORMATION

Gene Name	MCM3AP minichromosome maintenance complex component 3 associated protein [Homo sapiens]
Official Symbol	MCM3AP
Synonyms	MCM3AP; GANP; Protein GANP; KIAA0572; MAP80; FLJ44336; FLJ45306; minichromosome maintenance complex component 3 associated protein; MCM3 minichromosome maintenance deficient 3 (S. cerevisiae) associated protein; minichromosome maintenance deficient (S. cerevisiae) 3-associated protein; human mRNA for MCM3 import factor; 80 kDa MCM3-associated protein; OTTHUMP00000115776; germinal center-associated nuclear protein; MCM3 import protein; MCM3 minichromosome maintenance deficient 3 associated protein; minichromosome maintenance deficient 3-associated protein; Protein GANP
Gene ID	8888
mRNA Refseq	NM_003906
Protein Refseq	NP_003897
MIM	603294
UniProt ID	O60318
Chromosome Location	21q22.3

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