

Recombinant Human NAPG protein, T7-tagged

Cat. No. NAPG-180H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NAPG (312 aa) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	312 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFMAAQKINEGLEHLAKAEKYLKTGFLKWKPDYDSAASEYGK AAVAFKNAKQFEQAKDACLR EAVAHENNRALFHAAKAYEQAGMMLKEMQKLPEAV QLIEKASMMYLENGTPDTAAMALERAGKLIENVDPKAVQ LYQQTANVFENEERLR QAVELLGKASRLLVRGRRFDEAALSIQKEKNIYKEIENYPTCYKKTIAQVLVHLHRND Y VAAERCVRESYSIPGFNGSEDCAALEQLLEGYDQQDQDVSDVCNSPLFKYMDN DYAKLGLSLVPPGGGIKKKSP ATPQAKPDGVTATAADEEEDEYSGGLC
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro human neuronal cell differentiation regulation study with intracellular protein delivery of this protein.2. As soluble / native protein, may be used as enzymatic substrate protein for kinase and ubiquitin assay development.3. May be used for mapping PFN2 protein-protein interaction.4. As potential diagnostic

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biomarker for bipolar disorder diseases.5. As antigen for specific antibody production.

Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION
Gene Name

NAPG N-ethylmaleimide-sensitive factor attachment protein, gamma [Homo sapiens]

Official Symbol

NAPG

Synonyms

NAPG; N-ethylmaleimide-sensitive factor attachment protein, gamma; gamma-soluble NSF attachment protein; gamma SNAP; SNAP-gamma; soluble NSF attachment protein; GAMMASNAP;

Gene ID

8774

mRNA Refseq

NM_003826

Protein Refseq

NP_003817

MIM

603216

UniProt ID

Q99747

Chromosome Location

18p11.21

Function

protein binding;

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