

Recombinant Human NAPG protein, His-tagged

Cat. No. NAPG-2948H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NAPG protein(1-312 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-312 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MAAQKINEGLEHLAKAEKYLKTGFLKWKPDYDSAASEYGKAAVAFKNAKQFEQAKD ACLREAVAHENNRALFHAAKAYEQAGMMLKEMQKLPEAVQLIEKASMMYLENGTP DTAAMALERAGKLIENVDPKAVQLYQQTANVFENDERLRQAVELLGKASRLLVRG RRFDEAALSQKEKNIYKEIENYPTCYKKTIAQVLVHLHRNDYVAAERCVRESYSIPGF NGSEDCAALEQLLEGYDQQDQDQVSDVCNSPLFKYMDNDYAKLGLSLVVPGGGIK KKSPATPQAKPDGVTATAADEEEDEYSGLC
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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

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