

## NAPG Protein, Human (His)

Cat. No.:	HY-P76504
Synonyms:	Gamma-soluble NSF attachment protein; SNAP-gamma; NAPG; SNAPG
Species:	Human
Source:	E. coli
Accession:	Q99747 (M1-C312)
Gene ID:	8774
Molecular Weight:	Approximately 37 kDa.

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of 50 mM Tris, 300 mM NaCl, 5% trehalose, 5% mannitol and 0.01% Tween80, pH 7.4.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	<p>NAPG Protein plays a crucial role in facilitating vesicular transport dynamics between the endoplasmic reticulum and the Golgi apparatus. This functional significance is underscored by its interactions with key cellular components, such as RAB11FIP5, indicative of its involvement in intricate protein networks orchestrating membrane trafficking processes. Additionally, NAPG Protein exhibits interactions with VT11A, further emphasizing its role in coordinating the precise and regulated movement of vesicles within the cellular endomembrane system. The ability of NAPG to engage with specific binding partners positions it as a central player in the complex machinery governing intracellular transport pathways, highlighting its importance in maintaining cellular organization and function.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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