

Product datasheet for PH300450

NAPG (NM_003826) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NAPG MS Standard C13 and N15-labeled recombinant protein (NP_003817)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200450
Predicted MW:	34.7 kDa
Protein Sequence:	>RC200450 protein sequence Red =Cloning site Green =Tags(s)

MAAQKINEGLEHLAKAEKYLKTGFLKWKPDYDSAASEYGKAAVAFKNAKQFEQAKDACLREAVAHENNRA
 LFHAAKAYEQAGMMLKEMQKLPEAVQLIEKASMMYLENGTPDTAAMALERAGKLIENVDPKAVQLYQQT
 ANVFENDERLRQAVELLGKASRLLVRRRFDEAALSIQKEKNYKEIENYPTCYKKTIAQVLVHLHRNDY
 VAAERCVRESYSIPGFNGSEDCAALEQLLEGYDQDQDQVSDVCNSPLFKYMDNDYAKLGLSLVPPGGGI
 KKKSPATPQAKPDGVTATAADEEEDEYSGGLC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_003817</u>
RefSeq Size:	3729
RefSeq ORF:	936
Synonyms:	GAMMASNAP
Locus ID:	8774

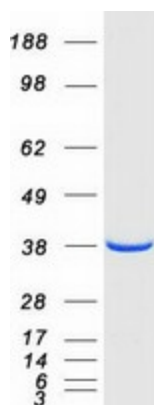

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UniProt ID: [Q99747](#), [Q6FHY4](#)

Cytogenetics: 18p11.22

Summary: This gene encodes soluble NSF attachment protein gamma. The soluble NSF attachment proteins (SNAPs) enable N-ethyl-maleimide-sensitive fusion protein (NSF) to bind to target membranes. NSF and SNAPs appear to be general components of the intracellular membrane fusion apparatus, and their action at specific sites of fusion must be controlled by SNAP receptors particular to the membranes being fused. The product of this gene mediates platelet exocytosis and controls the membrane fusion events of this process.[provided by RefSeq, Dec 2008]

Product images:



Coomassie blue staining of purified NAPG protein (Cat# [TP300450]). The protein was produced from HEK293T cells transfected with NAPG cDNA clone (Cat# [RC200450]) using MegaTran 2.0 (Cat# [TT210002]).