9051 Mira Mesa Blvd, #910094
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NAPG Human

N-ethylmaleimide-Sensitive Factor Attachment Protein, Gamma Human Recombinant RCP1455

Product Overview

Name	NAPG Human
Description	
N-ethylmaleimide-Sensitive Factor Attachment Protein, Gamma Human Recombinant	
Accession (Primary)	Q99747
Synonyms	
Gamma-soluble NSF attachment protein, SNAP-gamma, N-ethylmaleimide-sensitive factor attachment protein gamma, NAPG, SNAPG, GAMMASNAP.	
Introduction	
Gamma-SNAP (NAPG) is a cytoplasmic protein which binds to a membrane receptor complex composed of VAMP, SNAP25 and syntaxin. NAPG mediates the membrane binding of NSF, which is crucial for membrane fusion reactions. NSF and SNAPs seem to be general components of the intracellular membrane fusion system, and their action at specific sites of fusion needs be controlled by SNAP receptors specific to the membranes being fused. NAPG mediates platelet exocytosis and controls the membrane fusion events of this process.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
NAPG protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MAAQKI NEGLEHLAKA EKYLKTGFLK WKPDYDSAAS EYGKAAVAFK NAKQFEQAKD ACLREAVAHE NNRALFHAAK AYEQAGMMLK EMQKLPEAVQ LIEKASMMYL ENGTPDTAAM ALERAGKLIE NVDPEKAVQL YQQTANVFEN EERLRQAVEL LGKASRLLVR GRRFDEAALS IQKEKNIYKE	

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IENYPTCYKK TIAQVLVHLH RNDYVAAERC VRESYSIPGF NGSEDCAALE QLLEGYDQQD QDQVSDVCNS PLFKYMDNDY AKLGLSLVVP GGGIKKKSPA TPQAKPDGVT ATAADEEEDE YSGGLC.

Precautions

NAPG Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99747)