9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NAPA Human

N-Ethylmaleimide-Sensitive Factor Attachment Protein, Alpha Human Recombinant
RCP1454

Product Overview

Name	NAPA Human
Description	
N-Ethylmaleimide-Sensitive Factor Attachment Protein, Alpha Human Recombinant	
Accession (Primary)	P54920
Synonyms	
SNAPA, SNAP-alpha.	
Introduction	
NAPA is part of the SNAP (Soluble NSF Attachment Protein) family. SNAPs, acting together with SNAREs (SNAP receptors) and the N-ethylmaleimide-sensitive fusion protein (NSF), are necessary for the fusion of transport vesicles to their objective membranes in synaptic transmission, intra-Golgi transport, endosome-to-endosome fusion and transcytotic vesicles-to-plasma membrane transport. NAPA is in charge of the binding of NSF and therefore the formation of a 20S fusion particle.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
NAPA protein solution (1mg/ml) contains 20mM Tris-HCl pH-7.5 and 10% glycerol.	
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 MDNSGKEAEA MALLAEAERK VKNSQSFFSG LFGGSSKIEE ACEIYARAAN MFKMAKNWSA AGNAFCQAAQ LHLQLQSKHD AATCFVDAGN AFKKADPQEA INCLMRAIEI YTDMGRFTIA AKHHISIAEI YETELVDIEK AIAHYEQSAD YYKGEESNSS ANKCLLKVAG YAALLEQYQK AIDIYEQVGT NAMDSPLLKY SAKDYFFKAA LCHFCIDMLN AKLAVQKYEE LFPAFSDSRE CKLMKKLLEA HEEQNVDSYT	

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ESVKEYDSIS RLDQWLTTML LRIKKTIQGD EEDLR.

Precautions

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

Target Information: (P54920)