

N-ethylmaleimide-Sensitive Factor Attachment Protein, Gamma Human

Item Number	rAP-4504
Synonyms	Gamma-soluble NSF attachment protein, SNAP-gamma, N-ethylmaleimide-sensitive factor attachment protein gamma, NAPG, SNAPG, GAMMASNAP.
Description	NAPG Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 336 amino acids (1-312 a.a.) and having a molecular mass of 37.3kDa. NAPG is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q99747
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMAAQKI NEGLEHLAKA EKYLKTGFLK WKPDYDSAAS EYGKAA- VAFK NAKQFEQAKD ACLREAVAHE NNRALFHAAK AYEQAGMMILK EMQKLPEAVQ LIEKASMMYL ENGTPDTAAM ALERAGKLE NVDPEKAVQL YQQTANVFEN EERLRQAVEL LGKASRLLVR GRRF- DEAALS IQKEKNIYKE IENYPTCYKK TIAQVLVHLH RNDYVAAERC VRESYSIPGF NGSEDCAALE QLLEGYDQQD QDQVSDVCNS PLFKYMDNDY AKLGLSLVVP GGGIKKKSPA TPQAKPDGVT ATAA- DEEDE YSGGLC.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	NAPG protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**