

Recombinant Human NAPA protein, T7-tagged

Cat. No. NAPA-127H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NAPA (295aa, Isoform-1) fused with T7 tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	295 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGGQQMGRGEFDNSGKEAEAMALLAEAERKVKNSQSFFSGLFGGSSKIEEA CEIYARAANMFKMAKNWSAA GNAFCQAAQLHLQLQSKHDAATCFVDAGNAFKKAD PQEAINCLMRAIEIYTD MGRFTIAAKHHISIAEIIYETELV DIEKAIAHYEQSADYYKGEE SNSSANKCLLKVAGYAALLEQYQKAIDIYEQVGTNAMDSPLLKYS AKDYFFKAAL CH FCIDMLNAKLAVQKYEELFPAFSDSRECKLMKKLLEAHEEQNVDSYTESVKEYDSIS RLDQWLTTMLLRIKKT IQGDEEDLR
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro autophagy / Bcl2 mediated apoptosis regulation study with intracellular protein delivery of this protein.2. As soluble/native protein, may be used as enzymatic substrate protein for ubiquitin assay.3. May be used for mapping protein-protein interaction assay.4. May be used as antigen for specific antibody

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

development and cancer diagnostic development.

Storage Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

GENE INFORMATION

Gene Name NAPA N-ethylmaleimide-sensitive factor attachment protein, alpha [Homo sapiens]

Official Symbol NAPA

Synonyms SNAPA

Gene ID 8775

mRNA Refseq NM_003827.3

Protein Refseq NP_003818.2

MIM 603215

UniProt ID P54920

Chromosome Location 19q13.33

Pathway Clathrin derived vesicle budding, organism-specific biosystem;Golgi Associated Vesicle Biogenesis, organism-specific biosystem;Membrane Trafficking, organism-specific biosystem;Synaptic vesicle cycle, organism-specific biosystem;Synaptic vesicle cycle, conserved biosystem;trans-Golgi Network Vesicle Budding, organism-specific biosystem;

Function protein binding;syntaxin binding;

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