

Product datasheet for PH307037

Alpha SNAP (NAPA) (NM_003827) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NAPA MS Standard C13 and N15-labeled recombinant protein (NP_003818)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207037
Predicted MW:	33.2 kDa
Protein Sequence:	>RC207037 protein sequence Red=Cloning site Green=Tags(s)

MDNSGKEAEAMALLAEAERKVKNSQSFFSGLFGGSSKIEEACEIYARAANMFKMAKNWSAAGNAFCQAAQ
LHLQLQSKHDAATCFVDAGNAFKKADPQEA INCLMRAIEIY TDMGRFTIAAKHHISIAE IYETELVDIEK
AIAHYEQSADYYKGEESNSSANKCLLKVAGYAALLEQYQKAIDIYEQVGTNAMDSPLLKYSADYFFKAA
LCHF CIDMLNAKLAVQKYEELFPAFSDSRECKLMKLLLEAHEEQNVDSYTESVKEYSISRLDQWLT TML
LRIKKT IQGDEEDLR

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_003818</u>
RefSeq Size:	1865
RefSeq ORF:	885
Synonyms:	SNAPA
Locus ID:	8775



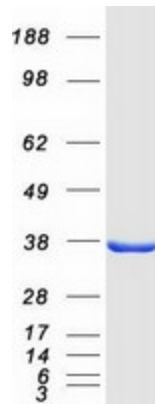
[View online »](#)

UniProt ID: [P54920](#), [A0A024R0R9](#)

Cytogenetics: 19q13.32-q13.33

Summary: This gene encodes a member of the soluble NSF attachment protein (SNAP) family. SNAP proteins play a critical role in the docking and fusion of vesicles to target membranes as part of the 20S NSF-SNAP-SNARE complex. The encoded protein plays a role in the completion of membrane fusion by mediating the interaction of N-ethylmaleimide-sensitive factor (NSF) with the vesicle-associated and membrane-associated SNAP receptor (SNARE) complex, and stimulating the ATPase activity of NSF. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jun 2011]

Product images:



Coomassie blue staining of purified NAPA protein (Cat# [TP307037]). The protein was produced from HEK293T cells transfected with NAPA cDNA clone (Cat# [RC207037]) using MegaTran 2.0 (Cat# [TT210002]).