

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for TP720247M

#### Alpha SNAP (NAPA) (NM\_003827) Human Recombinant Protein

### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human N-ethylmaleimide-sensitive factor attachment protein, alpha (NAPA)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Arg295
Tag:	N-His
Predicted MW:	35.4 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Endotoxin:	< 0.1 EU per $\mu$ g protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP 003818</u>
Locus ID:	8775
UniProt ID:	<u>P54920, A0A024R0R9</u>
Cytogenetics:	19q13.32-q13.33
Synonyms:	SNAPA

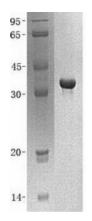


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



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

## **Product images:**



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US