

## 32-7253: Recombinant Human $\alpha$ -Soluble NSF Attachment Protein/SNAP- $\alpha$ /NAPA (N-6His)

**Gene :** NAPA  
**Gene ID :** 8775  
**Uniprot ID :** P54920

### Description

Source: E.coli.  
MW :35.4kD.

Recombinant Human SNAP-alpha is produced by our E.coli expression system and the target gene encoding Met1-Arg295 is expressed with a 6His tag at the N-terminus.  $\alpha$ -Soluble NSF Attachment Protein (SNAP- $\alpha$ ) is a member of the SNAP (Soluble NSF Attachment Protein) family. SNAP- $\alpha$  interacts with PRKCABP and disrupts the interaction between GRIA2 and PRKCABP, leading to the internalization of GRIA2. SNAP- $\alpha$  is required for vesicular transport between the endoplasmic reticulum and the Golgi apparatus. SNAP- $\alpha$  is in charge of the binding of NSF and therefore the formation of a 20S fusion particle.

### Product Info

**Amount :** 10  $\mu$ g / 50  $\mu$ g  
**Content :** Lyophilized from a 0.2  $\mu$ m filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHHSSGLVPRGSHMDNSGKEAEAMALLAEAEKVKNSQSFFSGLFGGSSKIEEACEIYARAANMF  
KMAKNWSAAGNAFCQAAQLHLQLQSKHDAATCFVDAGNAFKKADPQEAINCLMRAIEIYTD MGRFTIAAKHHI  
SIAEIYETELVDIEKAI AHYEQSADYYKGEESNSSANKCLLKVAGYAALLEQYQKAIDIYEQVGTNAMDSPLLKYS  
KDYFFKAALCHFCIDMLNAKLAVQKYEELFPAFSDSRECKLMKKLLEAHEEQNVDSYTESVKEYDSISRLDQWL  
TTMLLRIKKTIQGDEEDLR

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100  $\mu$ g/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.