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Datasheet for ABIN7319206 NAPA Protein (His tag)

Overview

Quantity:	50 µg
Target:	NAPA
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAPA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SNAP-alpha/NAPA Protein (His Tag)
Sequence:	Met 1-Arg295
Characteristics:	Recombinant Human alpha-Soluble NSF Attachment Protein 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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	NAPA
Alternative Name:	SNAP-alpha/NAPA (NAPA Products)
Background:	Background: α-Soluble NSF Attachment Protein (SNAP-α) is a member of the SNAP (Soluble NSF Attachment Protein) family. SNAP-α interacts with PRKCABP and disrupts the interaction

Target Details

between GRIA2 and PRKCABP, leading to the internalization of GRIA2. SNAP- α is required for vesicular transport between the endoplasmic reticulum and the Golgi apparatus. SNAP- α is in charge of the binding of NSF and therefore the formation of a 20S fusion particle.

Synonym: Alpha-Soluble NSF Attachment Protein, SNAP-Alpha, N-Ethylmaleimide-Sensitive Factor Attachment Protein Alpha, NAPA, SNAPA

Molecular Weight: 35.4 kDa

UniProt: [P54920](#)

Pathways: [Synaptic Vesicle Exocytosis](#), [Asymmetric Protein Localization](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.