Recombinant Human SNAP-α

Catalog No: C275

Description	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.
Source	E.coli
Alternative name	Alpha-Soluble NSF Attachment Protein; SNAP-Alpha; N-Ethylmaleimide-Sensitive Factor Attachment Protein Alpha; NAPA; SNAPA
Accession No.	P54920
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/μg (1 IEU/μg).
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
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.
Amino Acid Sequence	MGSSHHHHHHSSGLVPRGSHMDNSGKEAEAMALLAEAERKVKNSQSFFSGLFGGSSKIEEACEIYAR AANMFKMAKNWSA AGNAFCQAAQLHLQLQSKHDAATCFVDAGNAFKKADPQEAINCLMRAIEIYTDMGRFTIAAKHHISIAEI YETELVDIEKAIAHY EQSADYYKGEESNSSANKCLLKVAGYAALLEQYQKAIDIYEQVGTNAMDSPLLKYSAKDYFFKAALCH FCIDMLNAKLAVQKYE ELFPAFSDSRECKLMKKLLEAHEEQNVDSYTESVKEYDSISRLDQWLTTMLLRIKKTIQGDEEDLR
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 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.

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