

Recombinant Protein Technical Manual Recombinant Human SNAP-alpha/NAPA Protein (His Tag) RPES3286

Product Data:

Product SKU: RPES3286

Species: Human

Size: 10µg

Expression host: E. coli

Uniprot: P54920

Proteil	n Intor	mation

Molecular Mass:	35.4 kDa
AP Molecular Mass:	35 kDa
Tag:	N-6His
Bio-activity:	
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin:	< 1.0 EU per μg as determined by the LAL method.
Storage:	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.
Shipping:	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation:	Lyophilized from a 0.2 μm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.
Reconstitution:	Please refer to the printed manual for detailed information.
Application:	
Synonyms:	Alpha-Soluble NSF Attachment Protein; SNAP-Alpha; N-Ethylmaleimide-Sensitive Factor Attachment Protein Alpha; NAPA; SNAPA

Sequence: Met 1-Arg295

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.