

NAPA, 1-295aa, Human, His tag, E.coli

Cat.NO.: TP03094

3th Edition

Synonyms:N-ethylmaleimide-sensitive factor attachment protein, alpha, SNAPA, SNAP-alpha

Description:NAPA is one of the SNAP (Soluble NSF Attachment Protein) family. SNAPs, acting in concert with SNAREs (SNAP receptors) and the N-ethylmaleimide-sensitive fusion protein (NSF), are required for the fusion of transport vesicles to their target membranes in synaptic transmission, intra-Golgi transport, endosome-to-endosome fusion and transcytotic vesicles-to-plasma membrane transport.

Form:Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 10% Glycerol

Molecular Weight:35.3 kDa(315aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMDNSGKEAEAMALLAEAERKVKNSQSFFSGLFGGSSKIEEACEIYARAANMFKM
AKNWSAAGNAFCQAAQLHLQLQSKHDAATCFVDAGNAFKKADPQEAINCLMRAIEIYTDMRFTIAAKHHISIAEIE
TELVDIEKAIAHYEQSADYYKGEESNSSANKCLLKVAGYAALLEQYQKAIDIYEQVGTNAMDSPLLKYSKDYFFKAA
LCHFCDMLNAKLAVQKYEELFPAFSDSRECKLMKKLLEAHEEQNVDSYTESVKEYDSISRDLQWLTTMLLRIKKTIQ
GDEEDLR

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.