

Datasheet for ABIN7585230

NAPA Protein (AA 1-295) (His tag)



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Overview

Quantity:	100 µg
Target:	NAPA
Protein Characteristics:	AA 1-295
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAPA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MDTSGKQAEA MALLAEAERK VKNSQSFFSG LFGGSSKIEE ACEIYARAAN MFKMAKNWSA</p> <p>AGNAFCQAAQ LHLQLQSKHD AATCFVDAGN AFKKADPQEA INCLMRAIEI YTDMGRFTIA</p> <p>AKHHISIAEI YETELVDVEK AIAHYEQSAD YYKGEESSNS ANKCLLKVAG YAAQLEQYQK</p> <p>AIDIYEQVGT SAMDSPLLKY SAKDYFFKAA LCHF CIDMLN AKLAVQKYEE LFPAFSDSRE</p> <p>CKLMKKLLEA HEEQNVDSYT ESVKEYDSIS RLDQWLTTML LRIKKTIQGD EEDLR</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	NAPA
Alternative Name:	Alpha-soluble NSF attachment protein (Napa) (NAPA Products)
Background:	Recommended name: Alpha-soluble NSF attachment protein. Short name= SNAP-alpha. Alternative name(s): N-ethylmaleimide-sensitive factor attachment protein alpha
UniProt:	P54921
Pathways:	Synaptic Vesicle Exocytosis, Asymmetric Protein Localization

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.