Datasheet for ABIN1095754

Sorting Nexin 3 Protein (SNX3) (AA 3-162, full length) (GST tag)

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Overview

Quantity:	100 µg
Target:	Sorting Nexin 3 (SNX3)
Protein Characteristics:	AA 3-162, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sorting Nexin 3 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	ETVADTRRLI TKPQNLNDAY GPPSNFLEID VSNPQTVGVG RGRFTTYEIR VKTNLPIFKL KESTVRRRYS DFEWLRSELE RESKVVVPPL PGKAFLRQLP FRGDDGIFDD NFIEERKQGL EQFINKVAGH PLAQNERCLH MFLQDEIIDK SYTPSKIRHA
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	Sorting Nexin 3 (SNX3)
Alternative Name:	Sorting nexin-3 protein (SNX3 Products)
Background:	Phosphoinositide-binding protein required for multivesicular body formation. Specifically binds

Target Details

	phosphatidylinositol-3-phosphate (PtdIns(P3)). Plays a role in protein transport between cellular compartments. Promotes stability and cell surface expression of epithelial sodium channel (ENAC) subunits SCNN1A and SCNN1G By similarity. Not involved in EGFR degradation.
Molecular Weight:	45.9 kD
UniProt:	O60493

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 modificated 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

Publications

Product cited in:	Wu, Li, Xia, Tian, Kong, Wang, Gu, Zhang, Tu, Xie, Yang, Lu, Jiang, Ying: "Identification of Human Single-Domain Antibodies against SARS-CoV-2." in: **Cell host & microbe**, (2020) (PubMed).

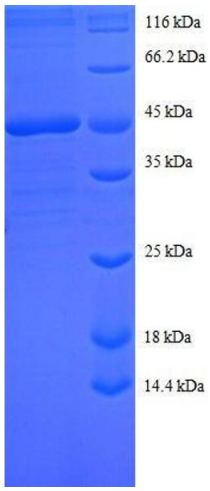

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Image 1. Sorting Nexin 3 (SNX3) (AA 3-162), (full length) protein (GST tag)

