Datasheet for ABIN1046548

Annexin a1 Protein (AA 5-346, partial) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	Annexin a1 (ANXA1)
Protein Characteristics:	AA 5-346, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Annexin a1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SEFLKQAWFI ENEEQEYVQT VKSSKGGPGS AVSPYPTFNP SSDVAALHKA IMVKGVDEAT IIDILTKRNN AQRQQIKAAY LQETGKPLDE TLKKALTGHL EEVVLALLKT PAQFDADELR AAMKGLGTDE DTLIEILASR TNKEIRDINR VYREELKRDL AKDITSDTSG DFRNALLSLA KGDRSEDFGV NEDLADSDAR ALYEAGERRK GTDVNVFNTI LTTRSYPQLR RVFQKYTKYS KHDMNKVLDL ELKGDIEKCL TAIVKCATSK PAFFAEKLHQ AMKGVGTRHK ALIRIMVSRS EIDMNDIKAF YQKMYGISLC QAILDETKGD YEKILVALCG GN
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

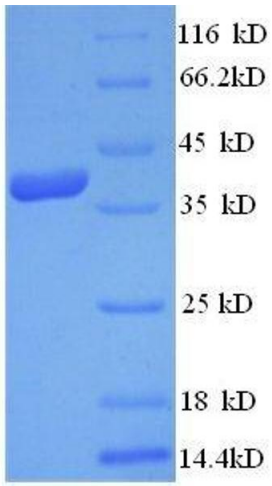
Target:	Annexin a1 (ANXA1)
Alternative Name:	Annexin A1 protein (ANXA1 Products)
Background:	Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis. This protein regulates phospholipase A2 activity. It seems to bind from two to four calcium ions with high affinity.
Molecular Weight:	42.4 kD
UniProt:	P04083
Pathways:	Hormone Transport

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



SDS-PAGE

Image 1.