

Datasheet for ABIN1461853

Annexin a1 Protein (AA 2-346) (His tag)



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Overview

Quantity:	1 mg
Target:	Annexin a1 (ANXA1)
Protein Characteristics:	AA 2-346
Origin:	Cavia cutleri
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Annexin a1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SMVSEFLKQ AYFIDNQEVD YVKTAKSSKG GPGSAVSPYP SFDASSDVAA LHKAITVKGV DEATIIDILT KRNNARQQI KAAYLQEKKG PLDEALKKAL TGHLEEVVLA LLKTPAQLDA DELRAAMKGL GTDEDTLIEI LVSRKNREIK EINRVYRDEL KRDLAKDITS DTSGDFQKAL LSLAKGDRCE DLSVNDDLAD SDARALYEAG ERRKGTDVNV FITILTTRSY SHLRRVFQKY TKYSQHDMNK ALDLELKGDI ENCLTAIVKC ATSTPAFFAE KLHLAMKGAG TRHKALIRIM VSRSEIDMND IKVYYQKMYG ISLCQAILDE TKGDYEKILV ALCGGQ
Specificity:	Cavia cutleri (Guinea pig)
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:	Annexin a1 (ANXA1)
Abstract:	ANXA1 Products
Background:	Recommended name: Annexin A1. Alternative name(s): Annexin I Annexin-1 Calpactin II Calpactin-2 Chromobindin-9 Lipocortin I Lipocortin-like 33 kDa protein Phospholipase A2 inhibitory protein p35
UniProt:	P14087
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 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.