

Datasheet for ABIN7479182

## Annexin A2 Protein (ANXA2) (AA 1-339, full length) (GST tag)



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	Annexin A2 (ANXA2)
Protein Characteristics:	AA 1-339, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Annexin A2 protein is labelled with GST tag.
Application:	ELISA

#### Product Details

Sequence:	STVHEILCKL SLEGDHSTPP SAYGSVKAYT NFDAERDALN IETAIKTKGV DEVTIVNILT NRSNAQRQDI AFAYQRRTKK ELASALKSAL SGHLETVILG LLKTPAQYDA SELKASKMGL GTDEDSLIEI ICSRTNQELQ EINRVYKEMY KTDLEKDIIS DTSGDFRKLK VALAKGRRAE DGSVIDYELI DQDARDLYDA GVKRKGTDVP KWISIMTERS VPHLQKVFDY YKSYSPYDML ESIRKEVKGD LENAFLNLVQ CIQNKPLYFA DRLYDSMKGK GTRDKVLIRI MVSRSVDML KIRSEFKRKY GKSLYYYIQQ DTKGDYQKAL LYLCGGDD
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:	95 %

## Target Details

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Target:	Annexin A2 (ANXA2)
Alternative Name:	Annexin A2 protein ( <a href="#">ANXA2 Products</a> )
Background:	Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response.
Molecular Weight:	65.8 kD
UniProt:	<a href="#">P07355</a>
Pathways:	<a href="#">S100 Proteins</a>

## Application Details

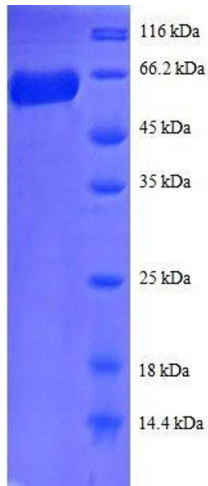
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Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. 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

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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.** Annexin A2 (ANXA2) (AA 1-339), (full length) protein (GST tag)