

Datasheet for ABIN1476732

SERPINC1 Protein (AA 33-465) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SERPINC1
Protein Characteristics:	AA 33-465
Origin:	Sheep
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	HRSPVEDI CTAKPRDIPV NPMCIYRSPE KKATEGEGSE QKIPGATNRR VWELSKANSH FATAFYQHLL DSKNNNDNIF LSPLSISTAF AMTKLGACNN TLKQLMEVFK FDTISEKTSD QIHFFFAKLN CRLYRKANKS SELVSANRLF GDKSITFNET YQDISEVVYG AKLQPLDFKG NAEQSRLTIN QWISNKTEGR ITDVIPPQAI DEFTVLVLVN TIYFKGLWKS KFSPENTKKE LFYKADGESG SVPMMYQEGK FRYRRVAEGT QVLELPFKGD DITMVLILPK LEKPLAKVER ELTPDMLQEW LDELTTLLV VHMPHFRIED SFSVKEQLQD MGLEDLFSPE KSRLPGIVAE GRNDLYVSDA FHKAFLEVNE EGSEAAASTV ISIAGRSLNL NRVTFAQANRP FLVLIREVAL NTIIFMGRVA NPCVN
Specificity:	Ovis aries (Sheep)
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.

Product Details

Purity: > 90 %

Target Details

Target: SERPINC1

Alternative Name: Antithrombin-III (SERPINC1) ([SERPINC1 Products](#))

Background: Recommended name: Antithrombin-III.
Short name= ATIII.
Alternative name(s): Serpin C1

UniProt: [P32262](#)

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.