

Datasheet for ABIN1633680  
**SPP2 Protein (AA 1-425) (His tag)**



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## Overview

Quantity: 1 mg

Target: SPP2

Protein Characteristics: AA 1-425

Origin: Nicotiana tabacum

Source: Yeast

Protein Type: Recombinant

Purification tag / Conjugate: This SPP2 protein is labelled with His tag.

Application: ELISA

## Product Details

Sequence: MDQLTSAARL MIVSDL DHTM VDHHDAENLS LLRFNALWEA NYRDNSLLVF STGRSPTLYK  
ELRKEKPMLT PDITIMSVGT EITYGNSVVP DDGWEAFLNN KWDRKIVTEE TSKFPELTLQ  
SETEQRPHKV SFYVQKDKAQ DIMKTL SKRF EERGLDVKII YSGGMDLDIL PQGAGKGQAL  
AYLLKCLKSE GKLPNNTLAC GDSGND AELF SIPDVYGV MV ANAQEELLQW HAANAKNNPK  
VIHATERCAA GIIQAIGH SN LGPSTSPRDV MDLS DCKMEN FVPAYEVVKF YLFFEKWRRG  
EIEHSEHYLS NLKAVCRPSG TFVHPSGVEK SLQECVTLFG TCHGDKQKGKQ FRIWVDQVLP  
VQVGSDSWLV SFKKWELSGE DRRC CITTVL LSSKNKTVAD GLTWTHVHQT WLNAAAASDS  
ASWFF

Specificity: Nicotiana tabacum (Common tobacco)

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

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Purity: > 90 %

## Target Details

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Target: SPP2

Abstract: [SPP2 Products](#)

Background: Recommended name: Sucrose-phosphatase 2.  
Short name= NtSPP2.  
EC= 3.1.3.24

UniProt: [Q5IH13](#)

## 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.