

Datasheet for ABIN1633151

**Sucrose-Phosphatase 1 (SPP1) (AA 1-425) protein (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Sucrose-Phosphatase 1 (SPP1)
Protein Characteristics:	AA 1-425
Origin:	Nicotiana tabacum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

## Product Details

Sequence:	MDQLTSAARL MIVSDL DHTM VDHHPENLS LLRFNALWEA NYRENSLLVF STGRSPTLYK ELRKEKPMLT PDITIMSVGT EITYGNSMEP DDGWEAFLND KWDRKIVTEE TSKFPELTQ SETEQRPHKV SFYVQKDKAQ DITGTL SKRL EERGLDVKII YSGGMDLDIL PQGAGKGRAL AYLLKKLKSE GKLPNNTLAC GDSGND AELF SIPDVYGV MV ANAQEELLQW RAANAKDSPK VIHATERCAA GIIQAIGHFN LGPNTSPRDV TDMSDCKMEN FVPAYEVVKF YLFFEKWRRG EIENSDLHLS NLKAVCRPSG TFVHPSGVEK YLEDCINTLR TCHGDKQGKQ FRIWVDLVLP TQVGSDSWLV SFKKWELCGE ERQCCITTVL LSSKNVTVAD GLTWTHVHQT WLQGAAASDS 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

Purity: > 90 %

## Target Details

Target: Sucrose-Phosphatase 1 (SPP1)

Abstract: [SPP1 Products](#)

Background: Recommended name: Sucrose-phosphatase 1.  
Short name= NtSPP1.  
EC= 3.1.3.24

UniProt: [Q5IH14](#)

## 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.