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## SPP2 Protein (AA 1-425) (His tag)



## 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 MIVSDLDHTM VDHHDAENLS LLRFNALWEA NYRDNSLLVF STGRSPTLYK
	ELRKEKPMLT PDITIMSVGT EITYGNSVVP DDGWEAFLNN KWDRKIVTEE TSKFPELTLQ
	SETEQRPHKV SFYVQKDKAQ DIMKTLSKRF EERGLDVKII YSGGMDLDIL PQGAGKGQAL
	AYLLKKLKSE GKLPNNTLAC GDSGNDAELF SIPDVYGVMV ANAQEELLQW HAANAKNNPK
	VIHATERCAA GIIQAIGHSN LGPSTSPRDV MDLSDCKMEN FVPAYEVVKF YLFFEKWRRG
	EIEHSEHYLS NLKAVCRPSG TFVHPSGVEK SLQECVTLFG TCHGDKQGKQ FRIWVDQVLP
	VQVGSDSWLV SFKKWELSGE DRRCCITTVL LSSKNKTVAD GLTWTHVHQT WLNGAAASDS
	ASWFF
Specificity:	Nicotiana tabacum (Common tobacco)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.

## **Product Details** Purity: > 90 % **Target Details** SPP2 Target: Abstract: SPP2 Products Background: Recommended name: Sucrose-phosphatase 2. Short name= NtSPP2. EC= 3.1.3.24 UniProt: Q5IH13 **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 modificated 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.