Datasheet for ABIN1638892

SRP54 Protein (AA 1-499) (His tag)

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Overview

Quantity:	1 mg
Target:	SRP54
Protein Characteristics:	AA 1-499
Origin:	Geodia cydonium
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SRP54 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MVLADLGRKI TTALLPRQRT VINEEVLQAM LKEICTALLE ADVNVKLVGK LRQNVRAAID FEDMGAGLSK RRIIQTSVFN ELCKLLDPGV PVWHPTKGHS NVIMFVGLQG SGKTTTCTKL AYHYQKKGWK TCLVCADTFR AGAFDQLKQN ATKARVPFYG SYTEMDPVVI AQEGVEKFKE DSFEVIIVDT SGRHKQEESL FEEMLQVSQA IDPDNIIFVM DGTIGQACES QARAFKEKVD VASVIVTKLD GHAKGGGALS AVAATRSPII FIGTGEHIDE MEPFKTKPFV SKLLGMGDLE GLMEKVSDLK LDENEELMDK LKHGQFTLRD MYEQFQNIMK MGPFNQIIGM IPGFSPDFMS KGNERESMAK LKRLMTMMDS MNDGELDHPN GAKLFSKQPG RAARVARGSG TSVREVNELL KQYSNFSATV KKMGGIKGLF KGGDLGKNVN PSQMAKLNQQ MAKMMDPRVL QQMGGMSGLQ NMMRQFQQGA SNMPGFKGK
Specificity:	Geodia cydonium (Sponge)
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

Target:	SRP54
Alternative Name:	Signal recognition particle 54 kDa protein (SRP54) (SRP54 Products)
Background:	Recommended name: Signal recognition particle 54 kDa protein. Short name= SRP54
UniProt:	Q8MZJ6
Pathways:	SARS-CoV-2 Protein Interactome

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.