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Datasheet for ABIN1635610
SRP54 Protein (AA 1-504) (His tag)

Overview

Quantity:	1 mg
Target:	SRP54
Protein Characteristics:	AA 1-504
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SRP54 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MVLADLGRKI TSALRSLNA TIINEEVLNA MLKEVCTALL EADVNIKLVK QLRENVKSAI DLEEMASGLN KRKMIQHAFV KELVKLVDPG VKAWTPTKGK QNVIMFVGLQ GSGKTTTCSK LAYFYQRKGW KTCLICADTF RAGAFDQLKQ NATKARIPFY GSYTEMDPVI IASEGVEKFK NENFEIIVD TSGRHKQEDS LFEEMLQVSN AIQPDNIVYV MDASIGQACE AQAKAFKDKV DVASVIVTKL DGHAKGGGAL SAVAATKSPI IFIGTGEHID DFEPFKTQPF ISKLLGMGDI EGLIDKVNEL KLDDNEALIE KLKHGQFTLR DMYEQFNIM KMGPFSQLG MIPGFGTDFM SKGNEQESMA RLKCLMTIMD SMNDQELDST DGAKVFSKQP GRIQRVARGS GVSTRDVQEL LTQYTKFAQM VKKMGGIKGL FKGGDMSKNV SQSQMAKLNQ QMAKMMDPRV LHHMGGMAGL QSMRQFQQG AAGNMKGMMG FNNM
Specificity:	Rattus norvegicus (Rat)
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: 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: [Q6AYB5](#)

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 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.