Datasheet for ABIN7585350

NUP54 Protein (AA 1-510) (His tag)

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Overview

Quantity:	100 µg
Target:	NUP54
Protein Characteristics:	AA 1-510
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUP54 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAFNFGAPSG TSGTSTATAA PAGGFGGFGT TTTTAGSAFS FSAPTNTGST GLLGGTQNKG FGFGTGFGTS TGTGTGLGTG LGTGLGFGGF NTQQQQQQQQ TSLGGLFSQP AQAPAQSNQL INTASALSAP TLLGDERDAI LAKWNQLQAF WGTGKGYFNN NIPPVEFTQE NPFCRFKAVG YSCMPNNKDE DGLVVLIFNK KETDIRSQQQ QLVESLHKVL GGNQTLTVNV EGIKTLPDDQ TEVVIYIVER SPNGTSRRVP ATTLYAHFEQ ANIKTQLQQL GVTLSMTRTE LSPAQIKQLL QNPPAGVDPI IWEQAKVDNP DSEKLIPVPM VGFKELLRRL KVQDQMTKQH QTRLDIISED ISELQKNQTT TMAKIAQYKR KLMDLSHRTL QVLIKQEIQR KSGYAIQAEE EQLRVQLDTI QGELNAPTQF KGRLNELMSQ IRMQNHFGAV KSEEKYYIDA DLLREIKQHL KQQQEGLSHL ISIIKDDLED IKLVEHGLNE TIHSRGGVFS
Specificity:	Rattus norvegicus (Rat)
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:	NUP54
Alternative Name:	Nuclear pore complex protein Nup54 (Nup54) (NUP54 Products)
Background:	Recommended name: Nuclear pore complex protein Nup54. Alternative name(s): 54 kDa nucleoporin Nucleoporin Nup54
UniProt:	P70582
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.