Datasheet for ABIN1622278

MRPS5 Protein (AA 1-430) (His tag)

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Overview

Quantity:	1 mg
Target:	MRPS5
Protein Characteristics:	AA 1-430
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MRPS5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAAAVRAAGF LPALCGASAG RLWSRQLYLN TFPTASIWAL KAVPSNGPSS SAGARGRCRS THLGPALQTQ CCTPAPGNVT AQQYRSYSFF TKLTADELWK GALAETGAGA RKGRGKRTKR KRRKDLNRGQ IIGEGRRGFL WPGLNAPLMK SGAIQTITQR SKEEQEKVEA DMVQQREEWD RKRKMKVKRE RGWSGNSWGG ISLGPPDPGP NGETYDDFDT RILEVRNVFN MTAKEGRKRS VRVLVAVGNG RGAAGFAIGK ATERADAFRK AKNRAVHYLH YIERYEDHTI YHDISLTFKR THIKMKKQPR GYGLRCHRAI TTICRLIGIK DMYAKVSGSV NMLSLTRGLF QGLSRQETHQ QLADKKSLHV VEFREECGPL PIVVASPQGA LRKDPEPEDE VPDIKLDWDD VKAVQGMKRS VWSGLKRAAT
Specificity:	Bos taurus (Bovine)
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:	MRPS5
Alternative Name:	28S ribosomal protein S5, mitochondrial (MRPS5) (MRPS5 Products)
Background:	Recommended name: 28S ribosomal protein S5, mitochondrial. Short name= MRP-S5. Short name= S5mt
UniProt:	Q2KID9
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

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

