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Datasheet for ABIN1659673

MRPS12 Protein (AA 1-140) (His tag)

Overview

Quantity:	1 mg
Target:	MRPS12
Protein Characteristics:	AA 1-140
Origin:	Dictyostelium sp.
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MRPS12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MITLNQIKDR KARGSKKKRK TLLTGYPQKK GFCVKVYVTK PKKPNSAIRK VAKVTIRLKN KRKNLIAYIP GFGPHNLQPL STVLIKGGRC QDLPGVKYRL VRKHYDFQIA ERFPRKNRRS KFSVKNEKLK AKKGTAVRIG
Specificity:	Dictyostelium citrinum (Slime mold)
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.
Purity:	> 90 %

Target Details

Target:	MRPS12
Alternative Name:	Ribosomal protein S12, mitochondrial (mrps12) (MRPS12 Products)

Target Details

Background:	Recommended name: Ribosomal protein S12, mitochondrial
UniProt:	P0C5Y0
Pathways:	Sensory Perception of Sound

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 modiflicated 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.