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Datasheet for ABIN1629591

RRM2 Protein (AA 1-389) (His tag)

Overview

Quantity:	1 mg
Target:	RRM2
Protein Characteristics:	AA 1-389
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RRM2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p> MLSVRIPLAP ITNPQQQLQS PLKGLSLVDK ENTTPALSGA RVLASKTARR IFQEPAEPKT KAAAPGVEDE PLLRENPRRF VIFPIEYHDI WQMYKKAES FWTAEVDLS KDIQHWESLK PEERYFISHV LAFFAASDGI VLENLVERFS QEVQITEARC FYGFQIAMEN IHSEMYSLLI DTYIKDPKER EFLFNAIETM PCVEKKADWA LRWIGDKEAT YGERVVAFAA VEGIFFSGSF ASIFWLKKRG LMPGLTFSNE LISRDEGLHC DFACLMFKHL VHKPSEERV EIIINAVRVE QEFLTEALPV KLIGMNCTLM KQYIEFVADR LMLELGFSKV FRVENPFDFM ENISLEGKTN FFEKRVGEYQ RMGVMSSPTE NSFTLDADF </p>
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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:	RRM2
Alternative Name:	Ribonucleoside-diphosphate reductase subunit M2 (RRM2) (RRM2 Products)
Background:	<p>Recommended name: Ribonucleoside-diphosphate reductase subunit M2.</p> <p>EC= 1.17.4.1.</p> <p>Alternative name(s): Ribonucleotide reductase small chain Ribonucleotide reductase small subunit</p>
UniProt:	Q4R7Q7
Pathways:	Mitotic G1-G1/S Phases

Application Details

Comment:	<p>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.</p>
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.