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Datasheet for ABIN1634318
CLPX1 Protein (AA 1-422) (His tag)

Overview

Quantity:	1 mg
Target:	CLPX1
Protein Characteristics:	AA 1-422
Origin:	Methylococcus capsulatus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLPX1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNEDRKNRES GKLLYCSFCG KSQHEVRKLI AGPAVFCDE CVELCNDIIR EDLQGSEAGG VEGLPKPKEM KAILDQYVIG QDKAKRILSV AVYNHYKRLK ARTFRNDVEL AKSNVLLIGP TGSGKTLLE TLARVLDVPF TIADATTLTE AGYVGEDVEN IIQKLLACD YDVEKAEQGI VYIDEIDKIS RKADSPSITR DVSGEGVQQA LLKLMEGTVA SVPPQGGRKH PQQEFLQVNT ANILFICGGA FAGLDKTIRS RSERSGIGFS AEVKSKEENT NVGEILAGVE AEDLIRYGLI PEFIGRLPVV ATLEELDEAA LVRILIEPKN ALVKQYARLF EMEGCELEIL PEALGAIARR AMERKTGARG LRTIIEHALL DTMVELPSAE DVGKVVVDAK VIRGETEPHR VYRSVERQRV SA
Specificity:	Methylococcus capsulatus (strain ATCC 33009 / NCIMB 11132 / Bath)
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:	CLPX1
Abstract:	CLPX1 Products
Background:	Recommended name: ATP-dependent Clp protease ATP-binding subunit ClpX 1
UniProt:	Q60C67

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 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.</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.