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Datasheet for ABIN1476162 YBX1 Protein (AA 2-322) (His tag)

Overview

Quantity:	1 mg
Target:	YBX1
Protein Characteristics:	AA 2-322
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This YBX1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SSEAETQQP PAAPAAALSA ADTKPGSTGS GAGSGGPGGL TSAAPAGGDK KVIATKVLGT VKWFNVRNGY GFINRNDTKE DVFVHQTAIK KNNPRKYLRS VGDGETVEFD WVEGEKGAEA ANVTGPGGVP VQGSKYAADR NHYRRYP RRR GPPRNYQQNY QNSESSEKNE GSESAPEGQA QQRPRYRRRR FPPYMRPPY ARRPQYSNPP VQGEVMEGAD NQGAGEQGRP VRQNMRYGYR PRFRRGPPRQ RQPREDGNEE DKENQGDETQ GQPPQRRYR RNFNYRRRRR ENPKPQDGKE TKAADPPAEN SSAPEAEQGG AE
Specificity:	Rattus norvegicus (Rat)
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:	YBX1
Alternative Name:	Nuclease-sensitive element-binding protein 1 (Ybx1) (YBX1 Products)
Background:	<p>Recommended name: Nuclease-sensitive element-binding protein 1.</p> <p>Alternative name(s): CCAAT-binding transcription factor I subunit A.</p> <p>Short name= CBF-A DNA-binding protein B.</p> <p>Short name= DBPB Enhancer factor I subunit A.</p> <p>Short name= EFI-A Y-box transcription factor Y-box-binding protein 1.</p> <p>Short name= YB-1</p>
UniProt:	P62961
Pathways:	Regulation of Muscle Cell Differentiation

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

Handling

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