Datasheet for ABIN1618166

Paired Box 3 Protein (PAX3) (AA 1-483) (His tag)

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Overview

Quantity:	1 mg
Target:	Paired Box 3 (PAX3)
Protein Characteristics:	AA 1-483
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Paired Box 3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTSLAGAVPR MMRPCPGQNY PRTGFPLEVS TPLGQGRVNQ LGGVFINGRP LPNHIRHKIV EMAHHGIRPC VISRQLRVSH GCVSKILCRY QETGSIRPGA IGGSKPKVTT PEVEKKIEEF KRDNPGMFSW EIRDKLLKDG VCDRNTVPSV SSISRILRSK FGKGDEEDME LDRKEQEESE KRAKHSIDGI LRERAPASPE SEEGSDIDSE PDLPLKRKQR RSRTTFTAEQ LEELERAFER THYPDIYTRE ELAQRAKLTE ARVQVWFSNR RARWRKQAGA NQLMAFNHLI PGAFPPTAMP ALPTYQLSET SYQPTSIPQA VSDPSNTVHR PQPLPPSSVH QSLPSNPDSS SAYCLPSSRH GFSSYTDSFV PPSGPSNPMN PAIGNGLSPQ VMGLLTNHGG VPHQPQTDYA LSPLTGGLEP PTAVSASCSQ RLEHMKSLDS LSTSQSYCPP TYSTSGYSME PMTGYQYPQY GQSAFHYLKP DIA
Specificity:	Xenopus laevis (African clawed frog)
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:	Paired Box 3 (PAX3)
Alternative Name:	Paired box protein Pax-3-B (pax3-b) (PAX3 Products)
Background:	Recommended name: Paired box protein Pax-3-B. Short name= xPax3-B. Alternative name(s): Paired-domain transcription factor Pax3-B
UniProt:	Q0IH87
Pathways:	Sensory Perception of Sound, Tube Formation

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.