Datasheet for ABIN1643051

PEX10 Protein (AA 1-419) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	PEX10
Protein Characteristics:	AA 1-419
Origin:	Pichia pastoris
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PEX10 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPPSEEIKLR AVSPRPDFKA NYLEFANAPA IVRANQKDSY FETVLRDKLQ NVIQIFKGQR FTHTHPEEIG VAAKALYLSL TTLLGTKTLG EEYVDLIYVS RDGKRIPRYL ARAGFIFAYA ILPYFLTRLF RRLKSSSTPK DEVTEEKINK ELPISLRIEK YLSNMSYSKV LDTIMNLHIA VFYFSGQFYN ISKRFFSMRY AFGHKINKER TPNGNYELLG GLIVLQLVMK SLGGFKGLIG SFTGNDEHDE SNLRANNKDI MYGIPSEEEQ EEAKQQLGII DLSDPGQLPY IPESSRQCML CLSYMTNPTA ANCGHCFCWS CIIDWCKERQ TVLCVGKKCW NSNCYHCIRL FYIPTLNKIC FFFLLSFLSV RAASKEFKST KEEFAELFNE ELADIAGEDP HCPGPFPTGR TLGYFLVVF
Specificity:	Pichia pastoris (Yeast)
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.
Purity:	> 90 %

Target Details

Target:	PEX10
Alternative Name:	Peroxisome biogenesis factor 10 (PEX10) (PEX10 Products)
Background:	Recommended name: Peroxisome biogenesis factor 10. Alternative name(s): Peroxin-10 Peroxisomal biogenesis factor 10 Peroxisome assembly protein 10 Peroxisome assembly protein PAS7
UniProt:	Q92265
Pathways:	Monocarboxylic Acid Catabolic Process

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