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Datasheet for ABIN1614317

PEX3 Protein (AA 34-455) (His tag)

Overview

Quantity:	1 mg
Target:	PEX3
Protein Characteristics:	AA 34-455
Origin:	Pichia pastoris
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PEX3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>NNKIQEF QNRIREENFA KEQIKRRFHQ TQSDCYMTFL SLLPVLCEPI MDDL PVETIT KQLQIRREK</p> <p>QIGNKDVKNS GSTVLSDDFS TSQEGAISED TNKPPELKSK NQLWQELKIK AITRFLTLY</p> <p>CESLLIVFLH LQNLISRKYS YLETAIRLAS ETQGIDLVDQ ESNPDFSGNT QDENLSEQAF</p> <p>LSFSWWLLNK GWLEIKNKIE PCVEQHFGGI NPRQQLKINE FAELLNKCCN CIDLKVLNLT</p> <p>EEDIHLGVGV IEDQSQPVGR KSTNFITNAL LPPKEFEFFL LQQTNDLDFL SRFNNNIVNT</p> <p>ESLNMLLDEL NNYLNNADIN LIVNKLATLG ITKVLDEIVL NLLQKNRPNP ISDMNIRDID</p> <p>LNDFPPYKLA ALLANITKQS ISLTNNSVEN PILADLNNLP ELNDLSASVY SNFDP</p>
Specificity:	Pichia pastoris (Yeast)
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:	PEX3
Abstract:	PEX3 Products
Background:	Recommended name: Peroxisomal biogenesis factor 3. Alternative name(s): Peroxin-3 Peroxisomal membrane protein PAS2
UniProt:	Q92262

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 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.
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.