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Datasheet for ABIN1478043
PEX7 Protein (AA 1-375) (His tag)

Overview

Quantity:	1 mg
Target:	PEX7
Protein Characteristics:	AA 1-375
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PEX7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MLRYHMQGFS GYGVQYSPFF DNRLAVAAGS NFGLVGNGKL FILEIDRSGR IVEVNSFLTQ DCLFDLAWNE SHENQVLVAQ GDGTLRLFDT TFKEFPPIAF KEHEREVFSC NWNLVNRQNF LSSSWDGSIK IWSPLRKQSL MTLTPRPLEI TKMVDPLNAI ILKKSFTGI SKNRNCVYQA QFSPHDQNLV LSCSGNSYAS LFDIRLPSGK NQNNFLVHSG LEALTCDFNK YRPYVVATGG VDNAIRIWDI RMLNKNESAT IKRTVPGQLH NSSCINEIPN AHGLAIRKVT WSPHHSNILM SASYDMTCRI WRDLSNDGAK ETYKTNSTDA TKGSIFNFTQ HSEFVFGADW SLWGKPGYVA STAWDGNLFV WNLG
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers 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:	PEX7
Alternative Name:	Peroxisomal targeting signal 2 receptor (PEX7) (PEX7 Products)
Background:	Recommended name: Peroxisomal targeting signal 2 receptor. Short name= PTS2 receptor. Alternative name(s): Peroxin-7 Peroxisome import protein PAS7
UniProt:	P39108
Pathways:	Monocarboxylic Acid Catabolic Process

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.