

Datasheet for ABIN7588414
PEX5 Protein (AA 1-640) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PEX5
Protein Characteristics:	AA 1-640
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PEX5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAMRELVESE CGGANPLMKL ATHFTQDKAL RQEGLRPPWP PGASAAETVS KPLGVGTEDE</p> <p>LVAEFLQDQN ATLVSRAPQT FKMDLLAEM QEIEQSNFRQ APQRAPGVAD LALSENWAQE</p> <p>FLAAGDAVDV AQDYNEDWS QEFIAEVTDP LSVSPARWAE EYLEQSEEKL WLGDPEGTST</p> <p>TDRWYDEYHP EEDLQHTASD FVSKVDDPKL ANSEFLKFVR QIGEGQVSLE SAAGSGRAQA</p> <p>EQWAAEFIQQ QGTSEAWVDQ FTRPGNKLA LQVEFERAKS AIESDVDFWD KLQAELEEMA</p> <p>KRDAEAHPWL SDYDDLTSAS YDKGYQFEE NPLRDHPQP EEGLRRLEEG DLPNAVLLFE</p> <p>AAVQQDPKHM EAWQYLGTTQ AENEQELLAI SALRRCLELK PDNRTALMAL AVSFTNESLQ</p> <p>RQACETLRDW LRYSPAYAH L VAPGEEGASG AGLGPSKRV L GSLLSDSLFL EVKELFLAAV</p> <p>RLDPTSIDPD VQCGLGVLFN LSGEYDKAVD CFTAALSVRP NDYLLWNKLG ATLANGNQSE</p> <p>EAVAAYRRAL ELQPGYIRSR YNLGISCINL GAHREAVEHF LEALNMQRKS RGPRGEGGAM</p> <p>SENIWSTLRL ALSMLGQSDA YGAADARDLP ALLTMFGLPQ</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	PEX5
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Alternative Name:	Peroxisomal targeting signal 1 receptor (Pex5) (PEX5 Products)
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Background:	<p>Recommended name: Peroxisomal targeting signal 1 receptor.</p> <p>Short name= PTS1 receptor.</p> <p>Short name= PTS1R.</p> <p>Alternative name(s): PTS1-BP Peroxin-5 Peroxisomal C-terminal targeting signal import receptor Peroxisome receptor 1</p>
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UniProt:	Q2M2R8
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Pathways:	Monocarboxylic Acid Catabolic Process
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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>
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling

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.