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## Datasheet for ABIN1627868 PES1 Protein (AA 1-586) (His tag)

### Overview

Quantity:	1 mg
Target:	PES1
Protein Characteristics:	AA 1-586
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PES1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MGGLEKKKYE RGSATNYITR NKARKKLQLS LPDFRRRLCIL KGIYPHEPKH KKKVNVKGSTA</p> <p>ARTFYLIKDI KLLHEPIVN KFREYKVFVR KLRKAYGKSE WNAVERLKDN KPSYKLDHIV</p> <p>KERYPTFIDA LRDLDDALSM CFLFSTFPRT GKCHVQTIQL CRRLTVEFMH YVIAARALRK</p> <p>VFLSIKGIYY QAEVLGQPIV WIAPYAFSHD HPTDVDYRVM ATFTEFYTTL LGFVNFRLYQ</p> <p>SLNLHYPPKI ESQAQAEMKV SEDTYALDSE SSMEKLAALS ASLARVVVPA VEEAEADEFP</p> <p>TDGEVTAQEE DRRKELEAQE KHKKLFEGLK FFLNREVPRE ALAFIIRSFG GDVSWDKSLC</p> <p>IGATYDSTDS GITHQIVDRP GQQTPIIGRY YVQPQWVFC VNARLLLPA EYFPGVQLPP</p> <p>HLSPFVSEKE GDYIPPEKLK LLALQRGEDP GNLEEEEEDE DDEGDDSEGD GDVAVENEEE</p> <p>VVEAESEEEE EAHLSALEQQ RLGGKKPQVM AGTVKLEDRQ RLAQEESEEA KRLAIMMMKK</p> <p>REKYLYQKIM FGKRRKIREA NKLAEKRAH DDAVRSEKKA KRTRPV</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: PES1

Alternative Name: Pescadillo homolog (Pes1) ([PES1 Products](#))

Background: Recommended name: Pescadillo homolog

UniProt: [Q3B8N8](#)

## 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.