Datasheet for ABIN7586329

THRB Protein (AA 1-461) (His tag)

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Overview

Quantity:	100 µg
Target:	THRB
Protein Characteristics:	AA 1-461
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This THRB protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTPNSMTENR LPAWDKQKPH PDRGQDWKLV GMSEACLHRK SHVERRGALK NEQTSSHLIQ ATWASSIFHL DPDDVNDQSV SSAQTFQTEE KKCKGYIPSY LDKDELCVVC GDKATGYHYR CITCEGCKGF FRRTIQKSLH PSYSCKYEGK CIIDKVTRNQ CQECRFKKCI YVGMATDLVL DDSKRLAKRK LIEENREKRR REELQKSIGH KPEPTDEEWE LIKTVTEAHV ATNAQGSHWK QKRKFLPEDI GQAPIVNAPE GGQVDLEAFS HFTKIITPAI TRVVDFAKKL PMFCELPCED QIILLKGCCM EIMSLRAAVR YDPDSETLTL NGEMAVTRGQ LKNGGLGVVS DAIFDLGMSL SSFNLDDTEV ALLQAVLLMS SDRPGLACVE RIEKYQDSFL LAFEHYINYR KHHVTHFWPK LLMKVTDLRM IGACHASRFL HMKVECPTEL FPPLFLEVFE D
Specificity:	Rattus norvegicus (Rat)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	THRB
Alternative Name:	Thyroid hormone receptor beta (Thrb) (THRB Products)
Background:	Recommended name: Thyroid hormone receptor beta. Alternative name(s): Nuclear receptor subfamily 1 group A member 2 c-erbA-2 c-erbA-beta
UniProt:	P18113
Pathways:	Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway, Sensory Perception of Sound

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

Handling

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