

Datasheet for ABIN7586328

## THRA Protein (AA 1-492) (His tag)



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### Overview

Quantity:	100 µg
Target:	THRA
Protein Characteristics:	AA 1-492
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This THRA protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MEQKPSKVEC GSDPEENSAR SPDGKRKRKN GQCPLKSSMS GYIPSYLDKD EQCVVCGDKA</p> <p>TGYHYRCITC EGCKGFFRRT IQKNLHPTYS CKYDSCCVID KITRNQCQLC RFKKCIAVGM</p> <p>AMDLVLDDSK RVAKRKLIEQ NRERRRKEEM IRSLQQRPEP TPEEWDLIHV ATEAHRSTNA</p> <p>QGSHWKQRRK FLPDDIGQSP IVSMPDGDKV DLEAFSEFTK IITPAITRVV DFAKKLPMFS</p> <p>ELPCEDQIIL LKGCCMEIMS LRAAVRYDPE SDTLTSGEM AVKREQLKNG GLGVVSDAIF</p> <p>ELGKSLSAFN LDDTEVALLQ AVLLMSTDRS GLLCVDKIEK SQEAYLLAFE HYVNRKHNI</p> <p>PHFWPKLLMK EREVQSSILY KGAAAEGRPG GSLGVHPEGQ QLLGMHVVGQ PQVRQLEQQF</p> <p>GEAGSLRGPV LQHQPSPSPQ QRLLELLHRS GILHSRAVCG EDDSSEASSL SSSSSDEDTE</p> <p>VFEDLAGKAA SP</p>
Specificity:	Rattus norvegicus (Rat)
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: THRA

Alternative Name: Thyroid hormone receptor alpha (Thra) ([THRA Products](#))

Background: Recommended name: Thyroid hormone receptor alpha.  
Alternative name(s): Nuclear receptor subfamily 1 group A member 1 c-erbA-1 c-erbA-alpha

UniProt: [P63059](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Sensory Perception of Sound](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Regulation of Muscle Cell Differentiation](#), [Maintenance of Protein Location](#), [Skeletal Muscle Fiber Development](#)

## Application Details

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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

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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

Handling

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