

Datasheet for ABIN7544374  
**THRB Protein (AA 1-461) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	THRB
Protein Characteristics:	AA 1-461
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This THRB protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant THRB Protein expressed in mammalian cells.
Sequence:	<p>MTPNSMTENG LTAWDKPKHC PDREHDWKLV GMSEACLHRK SHSERRSTLK NEQSSPHLIQ TTWTSSIFHL DHDDVNDQSV SSAQTFQTEE KKCKGYIPSY LDKDEL CVVC GDKATGYHYR CITCEGCKGF FRRTIQKNLH PSYSCKYEGK CVIDKVTRNQ CQECRFKCCI YVGMATDLVL DDSKRLAKRK LIEENREKRR REELQKSIGH KPEPTDEEWE LIKTVTEAHV ATNAQGSHWK QKRKFLPEDI GQAPIVNAPE GGKVDLEAFS HFTKIITPAI TRVVDFAKKL PMFCELPCE QIILLKGCCM EIMSLRAAVR YDPESETLTL NGEMAVTRGQ LKNGGLGVVS DAIFDLGMSL SSFNLDDTEV ALLQAVLLMS SDRPGLACVE RIEKYQDSFL LAFEHYINYR KHHVTHFWPK LLMKVTDLRM IGACHASRFL HMKVECPTEL FPPLFLEVFE D <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

---

isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

---

### Target:

THRB

### Alternative Name:

THRB ([THRB Products](#))

### Background:

Thyroid hormone receptor beta (Nuclear receptor subfamily 1 group A member 2) (c-erbA-2) (c-erbA-beta),FUNCTION: Nuclear hormone receptor that can act as a repressor or activator of transcription. High affinity receptor for thyroid hormones, including triiodothyronine and thyroxine. {ECO:0000269|PubMed:12699376, ECO:0000269|PubMed:14673100, ECO:0000269|PubMed:16781732, ECO:0000269|PubMed:17418816, ECO:0000269|PubMed:18237438, ECO:0000269|PubMed:18798561, ECO:0000269|PubMed:19926848}.

### Molecular Weight:

52.8 kDa

### UniProt:

[P10828](#)

### Pathways:

[Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Sensory Perception of Sound](#)

## Application Details

---

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

---

Restrictions: For Research Use only

---

## Handling

---

Format: Liquid

---

Buffer: The buffer composition is at the discretion of the manufacturer.

---

Handling Advice: Avoid repeated freeze-thaw cycles.

---

Storage: -80 °C

---

Storage Comment: Store at -80°C.

---

Expiry Date: 12 months

---