

Recombinant Human THRB protein, His-tagged

Cat. No. THRB-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein from the full-length sequence of homo sapiens thyroid hormone receptor beta (THRB), transcript variant 2 (NM_001128176), with a His tag was expressed in human cells.
Species	Human
Source	Human Cells
Description	The protein encoded by this gene is a nuclear hormone receptor for triiodothyronine. It is one of the several receptors for thyroid hormone, and has been shown to mediate the biological activities of thyroid hormone. Knockout studies in mice suggest that the different receptors, while having certain extent of redundancy, may mediate different functions of thyroid hormone. Mutations in this gene are known to be a cause of generalized thyroid hormone resistance (GTHR), a syndrome characterized by goiter and high levels of circulating thyroid hormone (T3-T4), with normal or slightly elevated thyroid stimulating hormone (TSH). Several alternatively spliced transcript variants encoding the same protein have been observed for this gene.
Molecular Mass	52.6 kDa
Endotoxin	< 0.1 ng/μg of protein (<1 EU /μg)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

protein-protein interaction studies; For research & development use only!

Storage Buffer

Purified protein formulated in a sterile solution of PBS buffer, pH 7.2, without any preservatives

GENE INFORMATION
Gene Name

THRB thyroid hormone receptor beta [Homo sapiens (human)]

Official Symbol

THRB

Synonyms

THRB; thyroid hormone receptor beta; GRTH; PRTB; THR1; ERBA2; NR1A2; THRB1; THRB2; TRbeta; C-ERBA-2; C-ERBA-BETA; thyroid hormone receptor beta; nuclear receptor subfamily 1 group A member 2; oncogene ERBA2; thyroid hormone nuclear receptor beta variant 1; thyroid hormone receptor, beta (erythroblastic leukemia viral (v-erb-a) oncogene homolog 2, avian)

Gene ID

7068

mRNA Refseq

NM_001128176

Protein Refseq

NP_001121648

MIM

190160

UniProt ID

P10828

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA