

## Recombinant Human THRB 293 Cell Lysate

Cat. No. THRB-1088HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for thyroid hormone receptor, beta (erythroblastic leukemia viral (v-erb-a) oncogene homolog 2, avian) (THRB), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
<b>Components</b>	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
<b>Applications</b>	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

## GENE INFORMATION

**Gene Name** [THRB thyroid hormone receptor, beta \[ Homo sapiens \]](#)

**Official Symbol** THRB

**Synonyms**

THRB; thyroid hormone receptor, beta; ERBA2, pituitary resistance to thyroid hormone , PPTH, thyroid hormone receptor, beta (avian erythroblastic leukemia viral (v erb a) oncogene homolog 2) , thyroid hormone receptor, beta (erythroblastic leukemia viral (v erb a) oncogene homolog 2, avian); thyroid hormone receptor beta; avian erythroblastic leukemia viral (v erb a) oncogene homolog 2; ERBA BETA; generalized resistance to thyroid hormone; GRTH; NR1A2; oncogene ERBA2; THR1; THRB1; THRB2; thyroid hormone receptor beta 1; nuclear receptor subfamily 1 group A member 2; thyroid hormone nuclear receptor beta variant 1; thyroid hormone receptor, beta (erythroblastic leukemia viral (v-erb-a) oncogene homolog 2, avian); PPTH; ERBA2; C-ERBA-2; C-ERBA-BETA; MGC126109; MGC126110;

**Gene ID** [7068](#)

**mRNA Refseq** [NM\\_000461](#)

**Protein Refseq** [NP\\_000452](#)

**MIM** [190160](#)

**UniProt ID** [P10828](#)

**Chromosome** 3p24.2

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



**Location**

**Pathway**

Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem;

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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