

Recombinant Human THRB 293 Cell Lysate

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

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

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.

Components

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).

Size 0.1 mg

Storage Instruction

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.

 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

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil 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 , PRTH, 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); PRTH; 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

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**Chromosome
Location**

3p24.2

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;

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