Recombinant Human THRB Protein, Myc/DDK-tagged

Cat. No. THRB-1201H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human thyroid hormone receptor, beta (erythroblastic leukemia viral (v-erb-a) oncogene homolog 2, avian) (THRB), transcript variant 2 with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
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
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

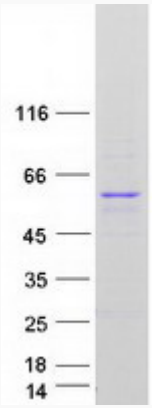
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Storage	Store at -80 centigrade.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name	THRB thyroid hormone receptor beta [Homo sapiens (human)]
Official Symbol	THRB
Synonyms	THRB; thyroid hormone receptor beta; GRTH; PRTH; THR1; ERBA2; NR1A2; THRB1; THRB2; 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

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SDS-Page Image	 Coomassie blue staining of purified THRB protein. The protein was produced from HEK293T cells transfected with THRB cDNA clone using MegaTran 2.0.

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