

Recombinant Human THRA, His-tagged

Cat. No. THRA-31520TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Thyroid Hormone Receptor alpha 1, with His tag expressed in a baculovirus system, approximately 54kDa, amino acids 1-490,
Species	Human
ProteinLength	1-490 a.a.
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. Alternatively spliced transcript variants encoding distinct isoforms have been reported.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Full Length

Full L.

GENE INFORMATION

Gene Name

THRA thyroid hormone receptor, alpha [Homo sapiens]

Official Symbol

THRA

Synonyms

THRA; thyroid hormone receptor, alpha; ERBA1, THRA1, THRA2, thyroid hormone receptor, alpha (avian erythroblastic leukemia viral (v erb a) oncogene homolog) , thyroid hormone receptor, alpha (erythroblastic leukemia viral (v erb a) oncogene homolog, avi

Gene ID

7067

mRNA Refseq

NM_001190918

Protein Refseq

NP_001177847

MIM

190120

Uniprot ID

P10827

Chromosome Location

17q21.1

Pathway

Endochondral Ossification, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;

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Function

TBP-class protein binding; metal ion binding; protein binding; protein domain specific binding; receptor activity;

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