

Recombinant Human THRA

Cat. No. THRA-31521TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human Thyroid Hormone Receptor alpha 1 with proprietary tag.
Species	Human
Source	E.coli
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.
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.
Full Length	Full L.

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

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