

Recombinant Human THRA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. THRA-1945H Lot. No. (See product label)

SPECIFICATION

Product Overview	THRA MS Standard C13 and N15-labeled recombinant protein (NP_003241) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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. Alternatively spliced transcript variants encoding distinct isoforms have been reported.
Molecular Mass	54.8 kDa
AA Sequence	MEQKPSKVECGSDPEENSARSPDGKRKRKNGQCSLKTSMSGYIPSYLDKDEQCVV CGDKATGYHYRCITCEGCKGFFRRTIQKNLHPTYSCKYDSCCVIDKITRNQCQLCRF KKCIAVGMAMDLVLDDSKRVAKRKLIEQNRERRRKEEMIRSLQQRPEPTPEEWDLIH IATEAHRSTNAQGS HWKQRRKFLPDDIGQSPIVSM PDGDKVDLEAFSEFTKIITPAIT RVVDFAKKLPMFSELP CEDQIILLKGCCMEIMSLRAAVRYD PESDTLTL SGEMAVKR EQLKNGGLGVVSDAIFELGKSLSAFNLDDETEVALLQAVLLMSTDRSGLLCVDKIEKSQ EAYLLAFEHYVNRKHNIPHF WPKLLMKEREVQSSILYKGAAAEGRPGGSLGVHPE

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GQQLLGMHVVQGPQVRQLEQQLGEAGSLQGPVLQHQSPKSPQQRLELLHRSGIL
 HARAVCGEDDSSEADSPSSSEEEPEVCEDLAGNAASPTRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name THRA thyroid hormone receptor alpha [Homo sapiens (human)]

Official Symbol THRA

Synonyms THRA; thyroid hormone receptor alpha; AR7; EAR7; ERBA; CHNG6; ERBA1; NR1A1; THRA1; THRA2; ERB-T-1; c-ERBA-1; thyroid hormone receptor alpha; EAR-7; ERBA-related 7; V-erbA-related protein 7; c-erbA-alpha; nuclear receptor subfamily 1 group A member 1; thyroid hormone receptor alpha 1; thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avian); thyroid hormone nuclear receptor alpha variant 1; triiodothyronine receptor

Gene ID 7067

mRNA Refseq NM_003250

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Protein Refseq NP_003241

MIM 190120

UniProt ID P10827

SDS-PAGE



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