

## Product datasheet for **TP710024**

### Thyroid Hormone Receptor alpha (THRA) (NM\_003250) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avian) (THRA), full length, with C-terminal DDK tag, expressed in sf9 cells.
Species:	Human
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC200735, encoding human full-length THRA
Tag:	C-DDK
Predicted MW:	55 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 150 mM NaCl, 20% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_003241</a>
Locus ID:	7067
UniProt ID:	<a href="#">P10827</a>
RefSeq Size:	2566
Cytogenetics:	17q21.1
RefSeq ORF:	1470
Synonyms:	AR7; c-ERBA-1; CHNG6; EAR7; ERB-T-1; ERBA; ERBA1; NR1A1; THRA1; THRA2; TRalpha



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**Summary:**

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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**Protein Pathways:**

Neuroactive ligand-receptor interaction

**Product images:**