

## Product datasheet for **TP761558**

### Retinoic Acid Receptor alpha (RARA) (NM\_000964) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human retinoic acid receptor, alpha (RARA), transcript variant 1, full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length RARA
Tag:	N-GST and C-His
Predicted MW:	78.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% 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_000955</a>
Locus ID:	5914
UniProt ID:	<a href="#">P10276</a> , <a href="#">Q6I9R7</a>
RefSeq Size:	3260
Cytogenetics:	17q21.2
RefSeq ORF:	1386
Synonyms:	NR1B1; RAR



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**Summary:**

This gene represents a nuclear retinoic acid receptor. The encoded protein, retinoic acid receptor alpha, regulates transcription in a ligand-dependent manner. This gene has been implicated in regulation of development, differentiation, apoptosis, granulopoiesis, and transcription of clock genes. Translocations between this locus and several other loci have been associated with acute promyelocytic leukemia. Alternatively spliced transcript variants have been found for this locus.[provided by RefSeq, Sep 2010]

**Protein Families:**

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**Protein Pathways:**

Acute myeloid leukemia, Pathways in cancer

**Product images:**