

Recombinant Human RARA protein, GST/His-tagged

RARA-170H Human

Lot. No. (See product label)

Specification

Product Overview

Recombinant Human RARA, transcript variant 1, fused with GST tag at N-terminal and His tag at C-terminal was expressed in E. coli.

Description

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.

Source

E. coli

Species

Human

Tag

GST/His

Form

25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.

Molecular Mass

78.6 kDa

Purity

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

Storage

Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

Concentration

>50 ug/mL as determined by microplate BCA method

Gene Information

Gene Name

[RARA retinoic acid receptor, alpha \[Homo sapiens \]](#)

Official Symbol

[RARA](#)

Synonyms

RARA; retinoic acid receptor, alpha; retinoic acid receptor alpha; NR1B1; RAR; RAR-alpha; retinoic acid receptor, alpha polypeptide; nuclear receptor subfamily 1 group B member 1; retinoic acid nuclear receptor alpha variant 1; retinoic acid nuclear receptor alpha variant 2; nucleophosmin-retinoic acid receptor alpha fusion protein NPM-RAR long form;

Gene ID

[5914](#)

mRNA Refseq

[NM_000964](#)

Protein Refseq

[NP_000955](#)

MIM

[180240](#)

UniProt ID

[P10276](#)

For Research Use Only

Creative BioMart. All rights reserved

45-1 Ramsey Road, Shirley, NY 11967, USA

Tel: +1-631-559-9269 Fax: +1-631-938-8127

E-mail: info@creative-biomart.com

www.creativebiomart.net