

Product datasheet for AR50013PU-N

OriGene Technologies, Inc.

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RAR-alpha / RARA (68-173, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: RAR-alpha / RARA (68-173, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MSEEIVPSPP SPPPLPRIYK PCFVCQDKSS GYHYGVSACE

or AA Sequence: GCKGFFRRSI QKNMVYTCHR DKNCIINKVT RNRCQYCRLQ KCFEVGMSKE SVRNDRNKKK KEVPKPE

Tag: His-tag
Predicted MW: 14 kDa
Concentration: lot specific

Purity: >95% by SDS-PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris pH 7.5, 0.1M NaCl, 5 mM beta-mercaptoethanol

Preparation: Liquid purified protein

Protein Description: Recombinant human RARalpha, fused to His-tag at N-terminus, was expressed in E.coli and

purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: <u>NP 000955</u>

Locus ID: 5914

UniProt ID: <u>P10276</u>, <u>Q619R7</u>

Cytogenetics: 17q21.2

Synonyms: NR1B1; RAR





Summary: This gene represents a nuclear retinoic acid receptor. The encoded protein, retinoic acid

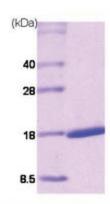
receptor alpha, regulates transcription in a ligand-dependent manner. This gene has been implicated in regulation of development, differentiation, apoptosis, granulopoeisis, and transcription of clock genes. Translocations between this locus and several other loci have been associated with acute promyelocytic 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:



15% SDS-PAGE (3ug)