

Product datasheet for **AR50013PU-N**

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 or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSEEIVSPP SPPPLPRIYK PCFVCQDKSS GYHYGVSACE GCKGFFRRSI QKNMVYTCR 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:	NP_000955
Locus ID:	5914
UniProt ID:	P10276 , Q6I9R7
Cytogenetics:	17q21.2
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: