

Recombinant Human RARA protein, His-tagged

Cat. No. RARA-2840H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RARA protein(83-424 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	83-424 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	RIYKPCFVCQDKSSGYHYGVSACEGCKGFFRRSIQKNMVYTCHRDKNCIINKVTRN RCQYCRLQKCFEVGMSKESVRNDRNKKKKEVPKPECSESYTLTPEVGELIEKVRKA HQETFPALCQLGKYTTNNSSEQRVSLDIDLWDFSELSTKCIKTVFAKQLPGFTTL TIADQITLLKAACLDILIRICTRYTPEQDTMTFSDGLTLNRTQMHNAGFGPLTDLVFA FANQLLPLEMDDAETGLLSAICLICGDRQDLEQPDRVDMLQEPLLEALKVYVRKRRP SRPHMFPKMLMKITDLRSISAKGAERVITLKMEIPGSMPLIQEMLENSEGLDTLS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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](#)

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