

Recombinant Human RORA Protein

Cat. No. RORA-6189H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RORA protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	<p>Nuclear receptor that binds DNA as a monomer to ROR response elements (RORE) containing a single core motif half-site 5'-AGGTCA-3' preceded by a short A-T-rich sequence. Key regulator of embryonic development, cellular differentiation, immunity, circadian rhythm as well as lipid, steroid, xenobiotics and glucose metabolism.</p> <p>Considered to have intrinsic transcriptional activity, have some natural ligands like oxysterols that act as agonists (25-hydroxycholesterol) or inverse agonists (7-oxygenated sterols), enhancing or repressing the transcriptional activity, respectively.</p>
Form	Lyophilized powder/frozen liquid
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.

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Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name RORA RAR-related orphan receptor A [Homo sapiens (human)]

Official Symbol RORA

Synonyms

RORA; RAR-related orphan receptor A; nuclear receptor ROR-alpha; NR1F1; ROR1; ROR2; ROR3; RZRA; ROR-alpha; nuclear receptor RZR-alpha; transcription factor RZR-alpha; retinoid-related orphan receptor alpha; nuclear receptor subfamily 1 group F member 1; thyroid hormone nuclear receptor alpha variant 4; retinoic acid receptor-related orphan receptor alpha; RZR-ALPHA; MGC119326; MGC119329; DKFZp686M2414;

Gene ID 6095

mRNA Refseq NM_002943

Protein Refseq NP_002934

MIM 600825

UniProt ID P35398

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