

Recombinant Human RAR related orphan receptor C protein, His tagged

Cat. No. RORC-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RORC protein (268-506aa) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	268-506aa
Description	The protein encoded by this gene is a DNA-binding transcription factor and is a member of the NR1 subfamily of nuclear hormone receptors. The specific functions of this protein are not known; however, studies of a similar gene in mice have shown that this gene may be essential for lymphoid organogenesis and may play an important regulatory role in thymopoiesis. In addition, studies in mice suggest that the protein encoded by this gene may inhibit the expression of Fas ligand and IL2. Two transcript variants encoding different isoforms have been found for this gene.
Tag	N-His
Molecular Mass	30.2 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMTEIEHLVQSVCKSYRETCQLRLEDLLRQRSNIFSR EEVTGYQRKSMWEMWERCAHHLTEAIQYVVEFAKRLSGFMELCQNDQIVLLKAGA MEVVLVRMCRAYNADNRTVFEGKYGGMELFRALGCSELISSIFDFSHLSALHFSE

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DEIALYTALVLINAHRLPGLQEKRKVEQLQYNLELAFHHHLCKTHRQSILAKLPKGL
RSLCSQHVERLQIFQHLHPVVQAAFPPLYKELF

Purity > 85% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer 20mM Tris, 0.5M NaCl, pH 8.0

Concentration 1.03 mg/mL

GENE INFORMATION

Gene Name RORC RAR related orphan receptor C [Homo sapiens (human)]

Official Symbol RORC

Synonyms RORC; RAR-related orphan receptor C; nuclear receptor ROR-gamma; NR1F3; RORG; RZRG; TOR; nuclear receptor RZR-gamma; retinoic acid-binding receptor gamma; retinoid-related orphan receptor gamma; RAR-related orphan receptor C, isoform a; RAR-related orphan nuclear receptor variant 2; nuclear receptor subfamily 1 group F member 3; RZR-GAMMA; MGC129539

Gene ID 6097

mRNA Refseq NM_001001523

Protein Refseq NP_001001523

MIM 602943

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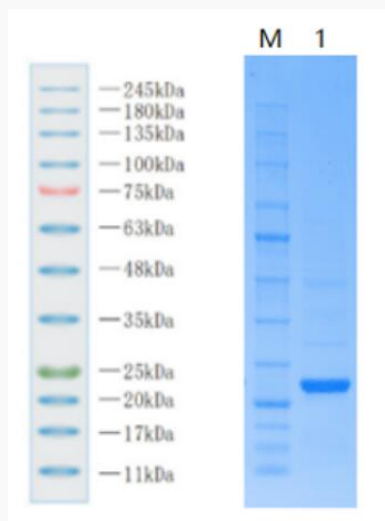
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UniProt ID

P51449

Reducing 4%-20%
SDS-PAGE (CBB
stained) analysis
profile of purified
RORC.



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