

Recombinant Human RORC Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RORC-5473H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RORC MS Standard C13 and N15-labeled recombinant protein (NP_005051) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	58.2 kDa
AA Sequence	MDRAPQRQHRASRELLAAKKTHTSQIEVIPCKICGDKSSGIHYGVITCEGCKGFFRR SQRCAAYSTRQQNCPIDRTSRNRCQHCRLQKCLALGMSRDAVKFGRMSKKQR DSLHAEVQKQLQQRQQQQEPVVKTPPAGAQQGADTLTYTLGLPDGQLPLGSSPDL PEASACPPGLLKASGSGPSYSNNLAKAGLNGASCHLEYS PERGKAEGRESFYSTGS QLTPDRCGLRFEEHRHPGLGELGQGPDSYGSPSFRSTPEAPYASLTEIEHLVQSVC KSYRETCQLRLEDLLRQRSNIFSREEVTGYQRKSMWEMWERCAHHLTEAIQYVVEF

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AKRLSGFMELCQNDQIVLLKAGAMEVVLVRMCRAYNADNRTVFFEGKYGGMELFR
ALGCSELISSIFDFSHLSALHFSEDEIALYTALVLINAHPRGLQEKRKVEQLQYNLEL
AFHHHLCKTHRQSILAKLPPKGKLRSLCSQHVERLQIFQHLHPVVQAAFPLYKELF
STETESPVGLSKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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_005060

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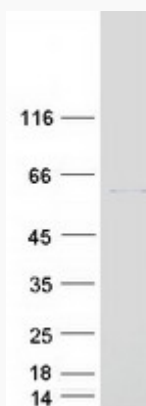
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Protein Refseq NP_005051

MIM 602943

UniProt ID P51449

SDS-PAGE



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