Recombinant Human RORC protein, His/Flag-tagged

Cat. No. RORC-15H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAR-Related Orphan Receptor C Human Recombinant produced in E.Coli is a full length protein consisting of 497 amino acids having a molecular weight of 55.8kDa and fused with 5.5kDa amino-terminal His-Flag tag.
Species	Human
Source	E.coli
Form	Sterile filtered colorless solution.RORC protein is supplied in 50mM Tris, 150mM NaCl and 10% Glycerol, pH 7.5.
AA Sequence	MSYYHHHHHHDYDIPTTDYKDDDDKDYKDDDDKENLYFQGEFMRTQIEVIPCKICG DKSSGIHYGVITCEGCKGF FRRSQRCNAAYSCTRQQNCPIDRTSRNRCQHCRLQK CLALGMSRDAVKFGRMSKKQRDSLHAEVQKQLQQRQQQ QQEPVVKTPPAGAQG ADTLTYTLGLPDGQLPLGSSPDLPEASACPPGLLKASGSGPSYSNNLAKAGLNGAS CHL EYSPERGKAEGRESFYSTGSQLTPDRCGLRFEEHRHPGLGELGQGPDSYGS PSFRSTPEAPYASLTEIEHLVQS VCKSYRETCQLRLEDLLRQRSNIFSREEVTGYQR KSMWEMWERCAHHLTEAIQYVVEFAKRLSGFMELCQNDQI VLLKAGAMEVVLVRM CRAYNADNRTVFFEGKYGGMELFRALGCSELISSIFDFSHSLSALHFSEDEIALYTAL V LINAHRPGLQEKRKVEQLQYNLELAFHHHLCKTHRQSILAKLPPKGKLRSLCSQHV ERLQIFQHLHPIVVQAAF PPLYKELFSTETESPVGLSK
Purity	Greater than 80.0% as determined by SDS-PAGE.
Storage	Store at 4 centigrade if entire vial will be used within 2-4 weeks.Store, frozen at -20

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	centigrade for longer periods of time. Please avoid freeze thaw cycles.
Full Length	Full L.

GENE INFORMATION

Gene Name	RORC RAR-related orphan receptor C [Homo sapiens]
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
UniProt ID	P51449
Chromosome Location	1q21
Pathway	Circadian rhythm - mammal, organism-specific biosystem; Circadian rhythm - mammal, conserved biosystem; Gene expression, organism-specific biosystem;

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	Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem
Function	DNA binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid hormone receptor activity; zinc ion binding

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