

Recombinant Full Length Human RORC Protein, GST-tagged

Cat. No. RORC-631HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RORC full-length ORF (NP_005051.2, 1 a.a. - 518 a.a.) Protein, fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	518 amino acids
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	84.6 kDa
AA Sequence	MDRAPQRQHR ASRELLAAKK THTSQIEVIP CKICGDKSSG IHYGVITCEG CKGFFRRSQR CNAAYSCTRQ QNCPIDRTSR NRCQHCRLLQK CLALGMSRDA VKFGRMSKKQ RDSLHAEVQK QLQQRQQQQQ EPVVKTPPAG AQGADTLTYT LGLPDGQLPL GSSPDLPEAS ACPGGLLKAS GSGPSYSNNL AKAGLNGASC

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HLEYSPERGK AEGRESFYST GSQLTPDRCG LRFEEHRHPG LGELGQGPDS
 YGSPSFRSTP EAPYASLTEI EHLVQSVCKS YRETCQLRLE DLLRQRSNIF
 SREEVTGYQR KSMWEMWERC AHHLTEAIQY VVEFAKRLSG FMELCQNDQI
 VLLKAGAMEV VLVRMCRAYN ADNRTVFFEG KYGGMELFRA LGCSELISSI
 FDFSHLSLAL HFSEDEIALY TALVLINHR PGLQEKRKVE QLQYNLELAF
 HHHLCKTHRQ SILAKLPPKG KLRSLCSQHV ERLQIFQHLH PIVVQAAFPP
 LYKELFSTET ESPVGLSK

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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](#)

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