

Recombinant Human RORC Protein, GST-tagged

Cat. No. RORC-02H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RORC fused with GST tag was produced in Insect cells.
Species	Human
Source	Insect Cells
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 pH 8.0, 200 mM NaCl
Molecular Mass	~55kDa as estimated by SDS-PAGE under reducing condition.
AA sequence	<p>PYASLTEIEHLVQSVCKSYRETCQLRLEDLLRQRSNIFSREEVTGYQRKSMWE MWERCAHHLTEAIQYVVEFAKRLSGFMELCQNDQIVLLKAGAMEVVLVRMCRAYNA DN RTVFFEGKYGGMELFRALGCSELISSIFDFSHSLSALHFSEDEIALY TALVLINAH RPG LQ EKRKVEQLQYNLELAFHHHLCKTHRQSILAKLPPKGKLRSLCSQHVERLQIFQHLHPI VV</p>

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QAAFPPLYKELFS

Purity > 92% as determined by SDS-PAGE

Storage Please prepare aliquots and store at -20 ~ -80 centigrade. Avoid freeze/thaw cycles.

Concentration 0.25 mg/ml

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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