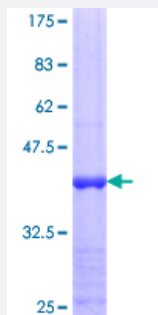


RORC (Human) Recombinant Protein (Q01)

Catalog # H00006097-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RORC partial ORF (NP_005051.2, 412 a.a. - 517 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FSEDEIALYTALVLINHRPGLQEKRKVEQLQYNLELAFHHHLCKTHRQSILAKLPPKGKLRSLCSQ HVERLQIFQHLHPVQAAFPPLYKELFSTETESPVGLS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.4
Interspecies Antigen Sequence	Mouse (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RORC

Entrez GeneID [6097](#)

GeneBank Accession# [NM_005060](#)

Protein Accession# [NP_005051.2](#)

Gene Name RORC

Gene Alias MGC129539, NR1F3, RORG, RZR-GAMMA, RZRG, TOR

Gene Description RAR-related orphan receptor C

Omim ID [602943](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000015253|RAR-related orphan receptor C, isoform a|RAR-related orphan receptor gamma|nuclear receptor ROR-gamma|retinoic acid-binding receptor gamma|retinoid-related orphan receptor gamma

Disease

- [Lymphedema](#)

- [Tobacco Use Disorder](#)