

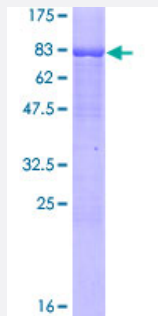
Full-Length

RORC (Human) Recombinant Protein (P01)

Catalog # H00006097-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RORC full-length ORF (NP_005051.2, 1 a.a. - 518 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDRAPQRQHRASRELLAAKKTHTSQIEVIPCKICGDKSSGIHYGVITCEGCKGFFRRSQRCNAAYS
CTRQQNCPIDRTSRNRCQHCR LQKCLALGMSRDAVKFGRMSKKQRDSLHAEVQKQLQQRQQQ
QQEPVVKTPPAGAQGADTLTYTLGLPDGQLPLGSSPDLPASACPPGLLKASGSGPSYSNNLAK
AGLNGASCHLEYS PERGKAEGRESFYSTGSQ LTPDRCGLRFEEH RHPGLGELGQGPDSYGSPS
FRSTPEAPYASLTEIEHLVQS VCKSYRET CQLRLEDLLRQRSNIFSREEVTGYQRKSMWEMWERC
AHHLTEAIQYVVEFAKRLSGFMELCQNDQVLLKAGAMEVVLV RMCRAYNADNRTVFFEGKYGG
MELFRALGCSELISSIFDFSHLSALHFSEDEIALY TALVLINAH RPLQEK RVEQLQYNLELAFHH
HLCKTHRQSILAKLP PKGKLRSLCSQHVERLQIFQHLHP IVVQAAFPPLYKELFSTETESPVGLSK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

84.6

Interspecies Antigen Sequence

Mouse (89)

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_005060.3
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](#)