

## Product datasheet for TP306541

### ROR gamma (RORC) (NM\_005060) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human RAR-related orphan receptor C (RORC), transcript variant 1, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC206541 protein sequence Red=Cloning site Green=Tags(s)
	MDRAPQRQHRASRELLAAKKTHTSQIEVIPCKICGDKSSGIHYGVITCEGCKGFFRRSQRCNAAYSCTRQ QNCPIDRTSRNRCQHCRLOKCLALGMSRDAVKFGRMSKKQRDSLHAEVQKQLQQRQQQQEPVVKTPPAG AQGADTLTYTLGLPDGQLPLGSSPDPEASACPPGLLKASGSGPSYSNNLAKAGLNGASCHLEYSPEGRK AEGRESFYSTGSQLTDPDRGLRFEHRHPGLGELGQGPDSYGSPSFRSTPEAPYASLTEIEHLVQSVCKS YRETCQLRLEDLLRQRSNIFSRREEVTGYQRKSMWEMWERCAHHLTEAIQYVVEFAKRLSGFMELCQNDQI VLLKAGAMEVVLVRMCRAYNADNRTVFFEGKYGGMELFRALGCSELISSIFDFSHLSALHFSEDEIALY TALVLINAHRPGLQEKRKVEQLQYNLELAFHHHLCKTHRQSILAKLPPKGLRSLCSQHVERLQIFQHLH PIVVQAAFPLYKELFSTETESPVGLSK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	58 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_005051](#)

Locus ID: 6097

UniProt ID: [P51449](#), [Q6I9R9](#)

RefSeq Size: 3084

Cytogenetics: 1q21.3

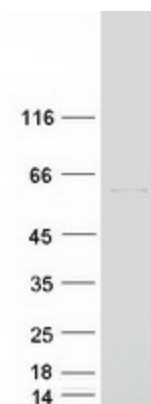
RefSeq ORF: 1554

Synonyms: IMD42; NR1F3; RORG; RZR-GAMMA; RZRG; TOR

**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, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified RORC protein (Cat# TP306541). The protein was produced from HEK293T cells transfected with RORC cDNA clone (Cat# [RC206541]) using MegaTran 2.0 (Cat# [TT210002]).