

## Product datasheet for PH306541

### ROR gamma (RORC) (NM\_005060) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RORC MS Standard C13 and N15-labeled recombinant protein (NP_005051)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206541
Predicted MW:	58.2 kDa
Protein Sequence:	>RC206541 protein sequence Red=Cloning site Green=Tags(s)

MDRAPQRQHRASRELLAAKKTHTSQIEVIPCKICGDKSSGIHYGVITCEGCKGFFRRSQRCAAYSTRQ  
QNCPIDRTSRNRCQHCRLQKCLALGMSRDVAVKFRMSKKQRDSLHAEVQKQLQQRQQQQEPVVKTPPAG  
AQGADTLTYTLGLPDGQLPLGSSPDLPEASACPPGLLKASGSGPSYSNNLAKAGLNGASCHLEYSPEK  
AEGRESFYSTGSQ LTPDRCGLRFEHRHPGLGELGQGPDSYGSPSFRSTPEAPYASL TEIEHLVQSVCK  
YRETCQLRLEDLLRQRSNIFSREEVTGYQRKSMWEMWERCAHHL TEAIQYVVEFAKRLSGFMELCQNDQI  
VLLKAGAMEVVLVRMCRAYNADNRTVFEGKYGMELFRALGCSELISSIFDFSHLSALHFSEDEIALY  
TALVLI NAHRPGLQEKRKVEQLQYNLELAFHHHLCKTHRQSILAKLPPKGKLRSLCSQHVERLQIFQHLH  
PIVVQAAFPPLYKELFSTETESPVGLSK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005051</u>
RefSeq Size:	3084
RefSeq ORF:	1554



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

**Locus ID:** 6097

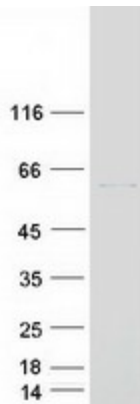
**UniProt ID:** [P51449](#), [Q6I9R9](#)

**Cytogenetics:** 1q21.3

**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]).