

Product datasheet for **TP306541M**

ROR gamma (RORC) (NM_005060) Human Recombinant Protein

Product data:

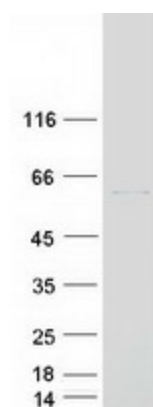
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAR-related orphan receptor C (RORC), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC206541 protein sequence
Clone or AA	Red=Cloning site Green=Tags(s)
Sequence:	<p>MDRAPQRQHRASRELLAAKKTHTSQIEVIPCKICGDKSSGIHYGVITCEGCKGFFRRSQRCNAAYSCTRQ QNCPIDRTSRNRCQHCRLLQKCLALGMSRDAVKFGRMSKKQRDSLHAEVQKQLQQRQQQQEPVVKTPPAG AQGADTLTYTLGLPDGQLPLGSSPDLEASACPPGLLKASGSGPSYSNNLAKAGLNGASCHLEYSPEERGK AEGRESFYSTGSQSLTPDRCGLRFEHRHPGLGELGQGPD SYGSPSFRSTPEAPYASLTEIEHLVQSVCKS YRETCQLRLEDLLRQRSNIFSRREEVTGYQRKSMWEMWERCAHHLTEAIQYVVEFAKRLSGFMELCQNDQI VLLKAGAMEVVLVRMCRAYNADNRTVFFEGKYGGMELFRALGCSELISSIFDFSHSLSALHFSEDEIALY TALVLINAHPRGLQEKRKVEQLQYNLELAFHHHLCKTHRQSIKALPPKGKLRSLCSQHVERLQIFQHLH PIVVQAAFPPLYKELFSTETESPVGLSK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	58 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_005051</u>
Locus ID:	6097
UniProt ID:	<u>P51449</u> , <u>Q6I9R9</u>
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]).