

Recombinant Human RORC protein, His-tagged

Cat. No. RORC-5893H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RORC protein (165-518 aa) is produced by E. coli-derived, PET28a expression system. This protein is fused with a His tag.
Species	Human
Source	E.coli
ProteinLength	165-518 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.0). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
Molecular Mass	44 kDa
AA Sequence	DLPEASACPPGLLKASGSGPSYSNNLAKAGLNGASCHLEYS PERGKAEGRESFYST GSQLTPDRCGLRFEHRHPGLGELGQGPDSYGSPSFRSTPEAPYASLTEIEHLVQS VCKSYRETCQLRLEDLLRQRSNIFSREEVTGYQRKSMWEMWERCAHHLTEAIQYVV EFAKRLSGFMELCQNDQIVLLKAGAMEVVLVRMCRAYNADNRTVFFEGKYGGMELF RALGCSELISSIFDFSHSLSALHFSEDEIALY TALVLINAH R PGLQEKRKVEQLQYNLE LAFHHHLCKTHRQSILAKLPPKGKLRSLCSQHVERLQIFQHLHPVVQAAFPPLYKEL FSTETESPVGLSK
Purity	> 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Stability	Store for up to 12 months at -20 centigrade to -80 centigrade as lyophilized powder.
Storage	Short-term storage: Store at 2-8 centigrade for (1-2 weeks). Long-term storage: Aliquot and store at -20 centigrade to -80 centigrade for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage. If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

GENE INFORMATION

Gene Name	RORC RAR-related orphan receptor C [Homo sapiens]
Official Symbol	RORC
Synonyms	RORC; NR1F3; RORG; RZRG; TOR; RZR-GAMMA; MGC129539;
Gene ID	6097
mRNA Refseq	NM_001001523

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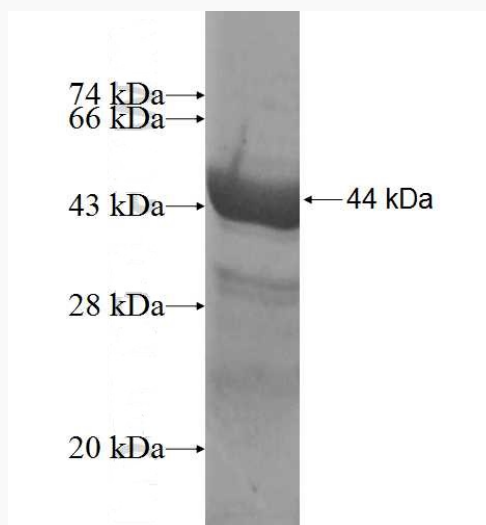
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MIM 602943

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