

Recombinant Mouse Rorc Protein, His-tagged

Cat. No. Rorc-2027M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Rorc Protein (Asp267-Lys516) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp267-Lys516
Description	Enables DNA-binding transcription factor activity, RNA polymerase II-specific and transcription coactivator binding activity. Involved in several processes, including hematopoietic or lymphoid organ development; negative regulation of thymocyte apoptotic process; and regulation of gene expression. Acts upstream of or within hematopoietic or lymphoid organ development; protein phosphorylation; and regulation of gamma-delta T cell differentiation. Located in external side of plasma membrane and nucleus. Is expressed in several structures, including central nervous system; genitourinary system; hemolymphoid system; sensory organ; and thyroid gland. Used to study Sjogren's syndrome. Human ortholog(s) of this gene implicated in immunodeficiency 42. Orthologous to human RORC (RAR related orphan receptor C).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.7 kDa Accurate Molecular Mass: 33 kDa

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Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Rorc RAR-related orphan receptor gamma [Mus musculus (house mouse)]
Official Symbol	Rorc
Synonyms	Rorc; RAR-related orphan receptor gamma; TOR; Thor; Nr1f3; RORgamma; nuclear receptor ROR-gamma; RAR-related orphan receptor C; nuclear receptor RZR-gamma; nuclear receptor subfamily 1 group F member 3; retinoid-related orphan receptor-gamma; thymus orphan receptor
Gene ID	19885
mRNA Refseq	NM_011281

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Protein Refseq	NP_035411
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UniProt ID	P51450
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