

Recombinant Mouse Nr3c1 Protein, His-tagged

Cat. No. Nr3c1-1854M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nr3c1 Protein (Lys254-Gly393) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Lys254-Gly393
Description	Enables several functions, including glucocorticoid receptor activity; identical protein binding activity; and protein kinase binding activity. Involved in positive regulation of pri-miRNA transcription by RNA polymerase II. Acts upstream of or within several processes, including gland development; glucocorticoid receptor signaling pathway; and regulation of cellular biosynthetic process. Located in cytosol; membrane; and nucleus. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; lung; and sensory organ. Used to study primary hyperaldosteronism. Human ortholog(s) of this gene implicated in several diseases, including anorexia nervosa; lung disease (multiple); major depressive disorder; obesity; and renal cell carcinoma. Orthologous to human NR3C1 (nuclear receptor subfamily 3 group C member 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.7 kDa Accurate Molecular Mass: 19 kDa

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Purity	> 95%
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	Nr3c1 nuclear receptor subfamily 3, group C, member 1 [Mus musculus (house mouse)]
Official Symbol	Nr3c1
Synonyms	Nr3c1; nuclear receptor subfamily 3, group C, member 1; GR; GrI1; GrI-1; glucocorticoid receptor; glucocorticoid receptor 1; glucocorticoid receptor subtype P
Gene ID	14815
mRNA Refseq	NM_001361209
Protein Refseq	NP_001348138

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UniProt ID

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