

Recombinant Human NR2C1 protein, His & T7-tagged

Cat. No. NR2C1-1087H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR2C1 aa. (Met1~Phe324 (Accession # P13056) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Phe324
Description	This gene encodes a nuclear hormone receptor characterized by a highly conserved DNA binding domain (DBD), a variable hinge region, and a carboxy-terminal ligand binding domain (LBD) that is typical for all members of the steroid/thyroid hormone receptor superfamily. This protein also belongs to a large family of ligand-inducible transcription factors that regulate gene expression by binding to specific DNA sequences within promoters of target genes. Multiple alternatively spliced transcript variants have been described, but the full-length nature of some of these variants has not been determined.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.3kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%

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Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	NR2C1 nuclear receptor subfamily 2 group C member 1 [Homo sapiens (human)]
Official Symbol	NR2C1
Synonyms	NR2C1; nuclear receptor subfamily 2 group C member 1; TR2; nuclear receptor subfamily 2 group C member 1; TR2 nuclear hormone receptor; nuclear receptor subfamily 2, group C isoform; orphan nuclear receptor TR2
Gene ID	7181

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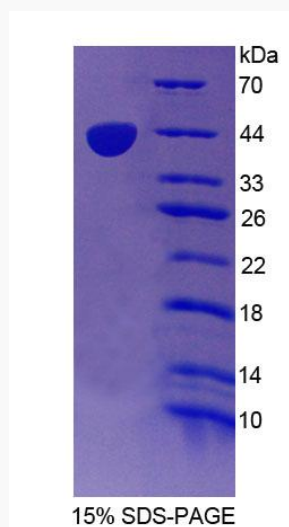
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mRNA Refseq [NM_001032287.2](#)

Protein Refseq [NP_001027458.1](#)

UniProt ID [P13056](#)

SDS-PAGE



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