

Recombinant Human NR5A2 protein, His-tagged

Cat. No. NR5A2-1092H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR5A2 aa. (Ser300~Ala541 fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser300~Ala541
Description	The protein encoded by this gene is a DNA-binding zinc finger transcription factor and is a member of the fushi tarazu factor-1 subfamily of orphan nuclear receptors. The encoded protein is involved in the expression of genes for hepatitis B virus and cholesterol biosynthesis, and may be an important regulator of embryonic development.
Form	Freeze-dried powder
Molecular Mass	29kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.7.

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Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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°C 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°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	NR5A2 nuclear receptor subfamily 5 group A member 2 [Homo sapiens (human)]
Official Symbol	NR5A2
Synonyms	NR5A2; nuclear receptor subfamily 5 group A member 2; B1F; CPF; FTF; B1F2; LRH1; LRH-1; FTZ-F1; hB1F-2; FTZ-F1beta; nuclear receptor subfamily 5 group A member 2; CYP7A promoter-binding factor; b1-binding factor, hepatocyte transcription factor which activates enhancer II of hepatitis B virus; fetoprotein-alpha 1 (AFP) transcription factor; hepatocytic transcription factor hB1F-3; liver nuclear receptor homolog-1 variant 2

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Gene ID	2494
mRNA Refseq	NM_001276464.1
Protein Refseq	NP_001263393.1
UniProt ID	O00482
SDS-PAGE	