

# Recombinant Human NR5A1, His-tagged

**Cat. No.** NR5A1-1361H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NR5A1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-349aa                                                                                                                                                               |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                             |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

## GENE INFORMATION

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| <b>Gene Name</b>       | NR5A1 nuclear receptor subfamily 5, group A, member 1 [ Homo sapiens ]                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b> | NR5A1                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | NR5A1; nuclear receptor subfamily 5, group A, member 1; FTZF1; steroidogenic factor 1; AD4BP; ELP; FTZ1; SF 1; STF-1; nuclear receptor AdBP4; steroidogenic factor-1; adrenal 4 binding protein; adrenal 4-binding protein; fushi tarazu factor homolog 1; steroid hormone receptor Ad4BP; steroidogenic factor 1 nuclear receptor; |

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | SF1; POF7; SF-1; SPGF8; SRXY3;                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene ID</b>             | 2516                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>         | NM_004959                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>      | NP_004950                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>          | Q13285                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Chromosome Location</b> | 9q33                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Pathway</b>             | Androgen Receptor Signaling Pathway, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem; Ovarian Infertility Genes, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem; |
| <b>Function</b>            | DNA binding; DNA binding; chromatin binding; double-stranded DNA binding; enzyme binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; phospholipid binding; protein binding; receptor ac                                                                                                                                                      |