

# Recombinant Full Length Human NR5A1 Protein, GST-tagged

Cat. No. NR5A1-6746HF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Human NR5A1 full-length ORF ( NP\_004950.2, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.

**Species** Human

**Source** In Vitro Cell Free System

**ProteinLength** 461 amino acids

**Description** The protein encoded by this gene is a transcriptional activator involved in sex determination. The encoded protein binds DNA as a monomer. Defects in this gene are a cause of XY sex reversal with or without adrenal failure as well as adrenocortical insufficiency without ovarian defect. [provided by RefSeq]

**Molecular Mass** 78 kDa

**AA Sequence**

```
MDYSYDEDLDELCPVCGDKVSGYHYGLLTCECKGFFKRTVQNNKHHTCTESQSC
KIDKTQRKRCPFCRFQKCLTVGMRLEAVRADMRGGRNKFGPMYKRDRALKQQKK
AQIRANGFKLETGPPMGVPPPPPPAPDYVLPPSLHGPEPKGLAAGPPAGPLGDFGA
PALPMAVPGAHGPLAGYLYPAFPGRAIKSEYPEPYASPPQPGLPYGYPEPFSGGPN
VPELILQLLQLEPDEDQVRARILGCLQEPTKSRPDQPAAFGLLCRMADQTFISIVDWA
RRCMVFKLELEVADQMTLLQNCWSELLVFDHIYRQVQHGKEGSILLVTGQEVELTTV
ATQAGSLLHSLVLR AQELVLQLLALQLDRQEFVCLKFIILFSLDLKFLNNHILVKDAQE
KANAALLDYTLCHYPHCGDKFQQLLLCLVEVRALSMQAKEYLYHKHLGNEMPRNLL
LIEMLQAKQT
```

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<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; SF1; POF7; SF-1; SPGF8; SRXY3;
<b>Gene ID</b>	2516
<b>mRNA Refseq</b>	NM_004959
<b>Protein Refseq</b>	NP_004950
<b>MIM</b>	184757

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

Q13285

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA