

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	MDYSYDEDLDELCPVCGDKVSGYHYGLLTCECKGFFKRTVQNNKHYTCTESQSC KIDKTQRKRCPFCRFQKCLTVGMRLEAVRADMRGGRNKFPGMYKRDRALKQQKK AQIRANGFKLETGPPMGVPPPPPPAPDYVLPPSLHGPEPKGLAAGPPAGPLGDFGA PALPMAVPGAHGPLAGYLYPAFPGRAIKSEYPEPYASPPQPGLPYGYPEPFSGGPN VPELILQLLQLEPDEDQVRARILGCLQEPTKSRPDQPAAFGLLCRMADQTFISIVDWA RRCMVFKLEVADQMTLLQNCWSELLVFDHIYRQVQHGKEGSILLVTGQVEVELTTV ATQAGSLLHSLVLRAQELVLQLLALQLDRQEFVCLKFIILFSLDLKFLNNHILVKDAQE KANAALLDYTLCHYPHCGDKFQQLLLCLVEVRALSMQAKEYLYHKHLGNEMPRNNL LIEMLQAKQT

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	NR5A1 nuclear receptor subfamily 5, group A, member 1 [Homo sapiens]
Official Symbol	NR5A1
Synonyms	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;
Gene ID	2516
mRNA Refseq	NM_004959
Protein Refseq	NP_004950
MIM	184757

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UniProt ID

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