

Product datasheet for **CF806200**

Steroidogenic Factor 1 (NR5A1) Mouse Monoclonal Antibody [Clone ID: OTI1D2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1D2
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-262 of human NR5A1(NP_004950) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	51.5 kDa
Gene Name:	nuclear receptor subfamily 5 group A member 1
Database Link:	NP_004950 Entrez Gene 26423 Mouse Entrez Gene 83826 Rat Entrez Gene 2516 Human Q13285



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Background:

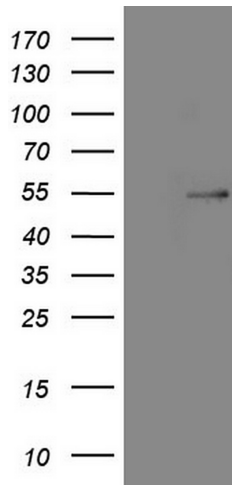
The protein encoded by this gene is a transcriptional activator involved in sex determination. The encoded protein binds DNA as a monomer. Defects in this gene are a cause of XY sex reversal with or without adrenal failure as well as adrenocortical insufficiency without ovarian defect. [provided by RefSeq,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

Synonyms:

AD4BP; ELP; FTZ1; FTZF1; hSF-1; POF7; SF-1; SF1; SPGF8; SRXY3

Protein Families:

Druggable Genome, Transcription Factors

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NR5A1 ([RC207577], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NR5A1. Positive lysates [LY417628] (100ug) and [LC417628] (20ug) can be purchased separately from OriGene.