

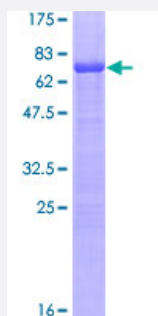
Full-Length

NR5A1 (Human) Recombinant Protein (P01)

Catalog # H00002516-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NR5A1 full-length ORF (NP_004950.2, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDYSYDEDLDELCPVCGDKVSGYHYGLLTCECKGFFKRTVQNNKHYCTESQSKIDKTQRKR
CPFCRFQKCLTVGMRLEAVRADRMGRNKFQPMYKRDRALKQQKKAQIRANGFKLETGPPMG
VPPPPPPAPDYVLPPLHGPPEPKGLAAGPPAGPLGDFGAPALPMAVPGAHGPLAGLYPAFPG
RAIKSEYPEPYASPPQGLPYGYPEPFSGGPNVPELILQLLQLEPDEDQVRARILGCLQEPTKSRP
DQPAAFGLLCRMADQTFISMDWARRCMVFKELEVADQMTLLQNCWSELLVFDHIYRQVQHGKE
GSILLVTGQEVELTTVATQAGSLLHSLVLRAGELVLQLLALQLDRQEFVCLKFIILFSLDLKFLNNHIL
VKDAQEKANAALLDYTLCHYPHCGDKFQQLLLCLVEVRALSMQAKEYL YHKHLGNEMPRNLLIE
MLQAKQT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78

Interspecies Antigen Sequence

Mouse (94); Rat (94)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NR5A1

Entrez GeneID	2516
GeneBank Accession#	NM_004959.3
Protein Accession#	NP_004950.2
Gene Name	NR5A1
Gene Alias	AD4BP, ELP, FTZ1, FTZF1, SF-1, SF1
Gene Description	nuclear receptor subfamily 5, group A, member 1
Omim ID	184757
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000022104 OTTHUMP00000042845 OTTHUMP00000042846 OTTHUMP00000042847 adrenal 4 binding protein fushi tarazu factor homolog 1 nuclear receptor AdBP4 steroid hormone receptor Ad4BP steroidogenic factor 1 steroidogenic factor-1

Disease

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