

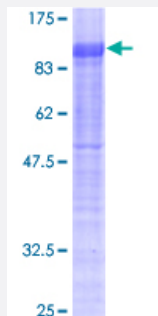
Full-Length

NR4A1 (Human) Recombinant Protein (P01)

Catalog # H00003164-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human NR4A1 full-length ORF (AAH16147, 1 a.a. - 598 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPCIQAQYGTAPSPGPRDHLASDPLTPEFIKPTMDLASPEAAPAAPALPSFSTFMDGYTGEFD
TFLYQLPGTVQPCSSASSSASSTSSSSATSPASASFKFEDFQVYGCYPGPLSGPVDEALSSSGS
DYYGSPCSAPSPSTPSFQPPQLSPWDGSFGHFSPSQTYEGLRAWTEQLPKASGPPQPPAFFSF
SPPTGPSPSLAQSPKLFP SQATHQLGEGESYSMPATAFGLAPTSPHLEGSGILDTPVTSTKARS
GAPGGSEGRCAVCGDNASCQHYGVRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRC
QFCRFQKCLAVGMVKEVVRTDSLKGRRGRLPSPKPKQPPDASPANLLTSLVRAHLDSPSTAKL
DYSKFQELVLP HFGKEDAGDVQQFYDLLSGSLEVIRKWAEKIPGFAELSPADQDLLLLSAFLELFI
LRLAYRSKPGEGKLIFCSGLVLHRLQCARGFGDWIDSILAFSRLHSLLDVPAFACLSALVLITDR
HGLQEPRRVEELQNRIASCLKEHVAAVAGEPQPASCLSRLLGKLPELRTLCTRGLQRIFYLKLEDL
VPPPPIIDKIFMDTLPF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

91.52

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 — NR4A1

Entrez GeneID	3164
GeneBank Accession#	BC016147
Protein Accession#	AAH16147
Gene Name	NR4A1
Gene Alias	GFRP1, HMR, MGC9485, N10, NAK-1, NGFIB, NP10, NUR77, TR3
Gene Description	nuclear receptor subfamily 4, group A, member 1
Omim ID	139139
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
Other Designations	TR3 orphan receptor early response protein NAK1 growth factor-inducible nuclear protein N10 hormone receptor orphan nuclear receptor HMR steroid receptor TR3

Pathway

- [MAPK signaling pathway](#)

Disease

- [Diabetes Mellitus](#)
- [Dyskinesia](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Narcolepsy](#)
- [Schizophrenia](#)