

## Recombinant Human NR4A1 Protein, GST-tagged

Cat. No. NR4A1-6093H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human NR4A1 full-length ORF ( AAH16147, 1 a.a. - 598 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	91.52 kDa
<b>AA Sequence</b>	MPCIQAQYGTAPSPGPRDHLASDPLTPEFIKPTMDLASPEAAPAAPALPSFSTFM DGYTGEFDTFLYQLPGTVQPCSSASSSASSTSSSSATSPASASFKFEDFQVYGCYP GPLSGPVDEALSSSGSDYYGSPCSAPSPSTPSFQPPQLSPWDGSGFGHFSPSQTYE GLRAWTEQLPKASGPPQPPAFFSFSPTGSPSLAQSPKLKLFPSQATHQLGEGESY SMPTAFPGLAPTSPLHLEGGILDTPVTSTKARSGAPGGSEGRCAVCGDNASCQHY GVRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRCQFCRFQKCLAVGMVK EVRDLSLKGRRGRLPSKPKPPDASPANLLTSLVRAHLDSGPSTAKLDYSKFQEL VLPHFGKEDAGDVQQFYDLLSGSLEVIRKWAEEKIPGFAELSPADQDLLLESFLELFI

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LRLAYRSKPGEGKLIFCSGLVLHRLQCARGFGDWIDSILAFSRSLHSLLDVPAFACL  
 SALVLITDRHGLQEP RRVEELQNRIASCLKEHVA AVAGEPQPASCLSRLLGKLP ELRT  
 LCTRGLQRIFYLKLEDLVPPPIIDKIFMDTLPF

<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>	NR4A1 nuclear receptor subfamily 4, group A, member 1 [ Homo sapiens ]
<b>Official Symbol</b>	NR4A1
<b>Synonyms</b>	NR4A1; nuclear receptor subfamily 4, group A, member 1; GFRP1, HMR; nuclear receptor subfamily 4 group A member 1; N10; NAK 1; NGFIB; NUR77; TR3; ST-59; hormone receptor; TR3 orphan receptor; steroid receptor TR3; testicular receptor 3; early response protein NAK1; orphan nuclear receptor HMR; orphan nuclear receptor TR3; nuclear hormone receptor NUR/77; growth factor-inducible nuclear protein N10; nerve growth factor IB nuclear receptor variant 1; HMR; NP10; GFRP1; NAK-1; MGC9485;
<b>Gene ID</b>	3164

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mRNA Refseq	<a href="#">NM_001202233</a>
Protein Refseq	<a href="#">NP_001189162</a>
MIM	<a href="#">139139</a>
UniProt ID	<a href="#">P22736</a>

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