

Recombinant Human NR4A1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NR4A1-4396H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NR4A1 MS Standard C13 and N15-labeled recombinant protein (NP_002126) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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 transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	64.5 kDa
AA Sequence	MPCIQAQYGTPAPSPGPRDHLASDPLTPEFIKPTMDLASPEAAPAAPALPSFSTFM DGYTGEFDTFLYQLPGTVQPCSSASSSASSTSSSSATSPASASFKEFQVYGCYP GPLSGPVDEALSSSGSDYYGSPCSAPSPSTPSFQPPQLSPWDGSFGHFSPSQTYE GLRAWTEQLPKASGPPQPPAFFSFSPPTGPSPSLAQSPKLFPQATHQLGEGESY SMPTAFPGLAPTSPLHLEGSGILDTPVTSTKARSGAPGGSEGRCAVCGDNASCQHY GVRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRCQFCRFQKCLAVGMVK EVRTDSLKGRRGRLPSKPKQPPDASPANLLTSLVRAHLDSGPSTAKLDYSKFQEL

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VLPHFGKEDAGDVQQFYDLLSGSLEVIRKWAEEKIPGFAELSPADQDLLLESASFLELFI
LRLAYRSKPGEGKLIFCSGLVLHRLQCARGFGDWIDSILAFSRLHSLLDVPAFACL
SALVLITDRHGLQEPRRVEELQNRIASCLKEHVAAVAGEPQPASCLSRLLGKLPRLT
LCTQGLQRIFYLKLEDLVPPPPIIDKIFMDTLPFTRTRPLEQKLISEEDLAANDILDYKD
DDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name NR4A1 nuclear receptor subfamily 4 group A member 1 [Homo sapiens (human)]

Official Symbol NR4A1

Synonyms 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;

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Gene ID	3164
mRNA Refseq	NM_002135
Protein Refseq	NP_002126
MIM	139139
UniProt ID	P22736
SDS-PAGE	