

Recombinant Human NR4A1 protein, MYC/DDK-tagged

Cat. No. NR4A1-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR4A1, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
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
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	64.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	NR4A1 nuclear receptor subfamily 4, group A, member 1 [Homo sapiens]
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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;
Gene ID	3164
mRNA Refseq	NM_002135
Protein Refseq	NP_002126
MIM	139139
UniProt ID	P22736
Chromosome Location	12q13
Pathway	AKT phosphorylates targets in the nucleus, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Disease, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem; Downstream signal transduction, organism-specific biosystem; Downstream signaling of activated FGFR, organism-specific biosystem; GAB1 signalosome, organism-specific biosystem;
Function	DNA binding; RNA polymerase II core promoter proximal region sequence-specific

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DNA binding transcription factor activity involved in positive regulation of transcription; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; metal ion binding; protein binding; protein heterodimerization activity; protein homodimerization activity; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid hormone receptor activity; zinc ion binding;

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