

Recombinant Human NR4A1 cell lysate

Cat. No. NR4A1-1219HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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 alternatively spliced variants, encoding the same protein, have been identified.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	NR4A1 nuclear receptor subfamily 4, group A, member 1 [Homo sapiens]
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;

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	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_001202233
Protein Refseq	NP_001189162
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 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;

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sequence-specific DNA binding transcription factor activity; steroid hormone receptor activity; zinc ion binding;

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