



# Human NR4A2 peptide (DAG-P1848)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. The encoded protein may act as a transcription factor. Mutations in this gene have been associated with disorders related to dopaminergic dysfunction, including Parkinson disease, schizophrenia, and manic depression. Misregulation of this gene may be associated with rheumatoid arthritis. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Expressed in a number of cell lines of T-cell, B-cell and fibroblast origin. Strong expression in brain tissue.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the nuclear hormone receptor family. NR4 subfamily. Contains 1 nuclear receptor DNA-binding domain.
<b>Format</b>	Liquid
<b>Buffer</b>	Information available upon request.
<b>Preservative</b>	None
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">NR4A2 nuclear receptor subfamily 4, group A, member 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	NR4A2
<b>Synonyms</b>	NR4A2; nuclear receptor subfamily 4, group A, member 2; NOT; RNR1; HZF-3; NURR1;

TINUR; nuclear receptor subfamily 4 group A member 2; nuclear receptor related 1; T-cell nuclear receptor NOT; orphan nuclear receptor NR4A2; orphan nuclear receptor NURR1; intermediate-early receptor protein; immediate-early response protein NOT; nur related protein-1, human homolog of; transcriptionally-inducible nuclear receptor; NGFI-B/nur77 beta-type transcription factor homolog; transcriptionally inducible nuclear receptor related 1;

<b>Entrez Gene ID</b>	<a href="#">4929</a>
<b>mRNA Refseq</b>	<a href="#">NM_006186.3</a>
<b>Protein Refseq</b>	<a href="#">NP_006177.1</a>
<b>UniProt ID</b>	F1D8N6
<b>Chromosome Location</b>	2q22-q23
<b>Pathway</b>	Corticotropin-releasing hormone, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem;
<b>Function</b>	ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; protein binding; protein heterodimerization activity; sequence-specific DNA binding; steroid hormone receptor activity; zinc ion binding;