

# Recombinant Human NR4A2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NR4A2-2025H Lot. No. (See product label)

## SPECIFICATION

### Product Overview

NR4A2 MS Standard C13 and N15-labeled recombinant protein (NP\_006177) 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. 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.

### Molecular Mass

66.4 kDa

### AA Sequence

MPCVQAQYGSSPQGASPASQSYSYHSSGEYSSDFLTPEFVKFSMDLTNTEITATTS  
LPSFSTFMDNYSTGYDVKPPCLYQMPLSGQSSIKVEDIQMHNYQQHSHLPPQSEE  
MMPHSGSVYYKPPSPPTPTTPGFVQVQHSPMWDDPGSLHNFHQNYVATTHMIEQR  
KTPVSRLSLFSFKQSPPGTPVSSCQMRFDGPLHVPMNPEPAGSHHVVDGQTFAVP  
NPIRKPA SMGF PGLQIGHASQLLDTQVSPSPSRGSPSNEGLCAVCGDNAACQHYG  
VRTCEGCKGFFKRTVQKNAKYVCLANKNCPVDKRRRNRCQYCRFQKCLAVGMVK  
EVRTDSLKGRRLPSKPKSPQEPSPPSPVSLISALVRAHVDSNPAMTSLDYSRF

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QANPDYQMSGDDTQHIQQFYDLLTGSMEIIRGWAEKIPGFADLPKADQDLLFESAFL  
 ELFVLRRLAYRSNPVEGKLIFCNGVVLHRLQCVRGFGGEWIDSIVEFSSNLQNMNIDISA  
 FSCIAALAMVTERHGLKEPKRVEELQNKIVNCLKDHVTFNNGGLNRPNYLSKLLGKL  
 PELRTLCTQGLQRIFYLKLEDLVPPPAIIDKFLDTPFSGPTRRTRRLEQKLISEEDLAA  
 NDILDYKDDDDKV

**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** NR4A2 nuclear receptor subfamily 4 group A member 2 [ Homo sapiens (human) ]

**Official Symbol** NR4A2

**Synonyms** NR4A2; nuclear receptor subfamily 4, group A, member 2; NURR1; nuclear receptor subfamily 4 group A member 2; HZF 3; NOT; RNR1; TINUR; 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; HZF-3;

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**Gene ID** 4929

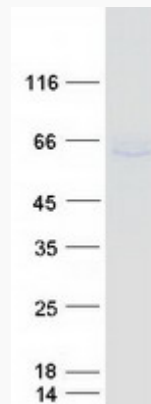
**mRNA Refseq** NM\_006186

**Protein Refseq** NP\_006177

**MIM** 601828

**UniProt ID** P43354

**SDS-PAGE**



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