

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 LPSFSTFMDNYSTGYDVKPPCLYQMPLSGQQSSIKVEDIQMHNYQQHSHLPPQSEE MMPHSGSVYYKPSSPPTPTTPGFQVQHSPMWDDPGSLHNFHQNYVATTHMIEQR KTPVSRSLSLSFKQSPPGTPVSSCQMRFDGPLHVPMPNPEPAGSHHVVDGQTFAPV NPIRKPA SMGFPLQIGHASQLLDTQVPSPPSRGSPSNEGLCAVCGDNAACQHYG VRTCEGCKGFFKRTVQKNAKYVCLANKNCVPDKRRRNRCQYCRFQKCLAVGMVK EVVRTDSLKGRRGRPLPSKPKSPQEPSPPSPVSLISALVRAHVDSNPAMTSLDYSRF

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QANPDYQMSGDDTQHIQQFYDLLTGSMEIIRGWAEEKIPGFADLPKADQDLLFESAFL
ELFVLRRLAYRSNPVEGKLIFCNGVVLHRLQCVRGFGGEWIDSIVEFSSNLQNMNIDISA
FSCIAALAMVTERHGLKEPKRVEELQNKIVNCLKDHVTFNNGGLNRPNYLSKLLGKL
PELRTLCTQGLQRIFYLKLEDLVPPPAIDKFLDTLPFSGPTRTRRLEQKLISEEDLAA
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	