

## Recombinant Human NR4A2( 347S) Protein, His tagged

Cat. No. NR4A2-01H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human NR4A2( 347S) Protein with His-tag was expressed in E. coli.

**Species** Human

**Source** E.coli

**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.

**AA Sequence**

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MPCVQAQYGSSPQGASPASQSYSYHSSGEYSSDFLTPEFVKFSMDLTNTEITATTS
LPSFSTFMDNYSTGYDVKPPCLYQMPLSGQQSSIKVEDIQMHNYQQHSHLPPQSEE
MMPHSGSVYYKPSSPPTPTTPGFVQVHSPMWDDPGSLHNFHQNYVATTHMIEQR
KTPVSRLSLFSFKQSPPGTPVSSCQMRFDGPLHVPMNPEPAGSHHVVDGQTFAVP
NPIRKPASMGFPLQIGHASQLLDTQVSPSPSRGSPSNEGLCAVCGDNAACQHYG
VRTCEGCKGFFKRTVQKNAKYVCLANKNCPVDKRRRNRCQYCRFQKCLAVGMVK
EVRTDSLKGRRLPAKPKSPQEPSPPSPVSLISALVRAHVDSNPAMTSLDYSRF
QANPDYQMSGDDTQHIQQFYDLLTGSMEIIRGWAEKIPGFADLPKADQDLLFESAFL
ELFVLRRLAYRSNPVEGKLIFCNGVVLHRLQCVRFGGEWIDSIVEFSSNLQNMNIDISA
FSCIAALAMVTERHGLKEPKRVEELQNKIVNCLKDHVTFNNGGLNRPNYLSKLLGKL
PELRTLCTQGLQRIFYLKLEDLVPPPAIIDKLFDLTLPF
```

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<b>Purity</b>	> 85% by SDS-PAGE
<b>Storage</b>	Long Term Storage at -20 to -80 centigrade. Avoid freeze/thaw cycles.
<b>Concentration</b>	0.3 mg/mL
<b>Storage Buffer</b>	PBS, pH 7.4

## GENE INFORMATION

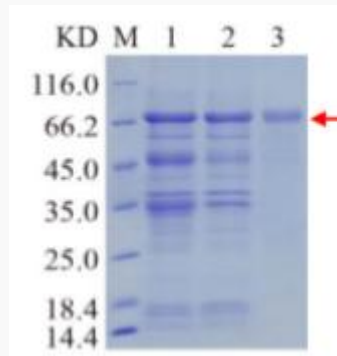
<b>Gene Name</b>	NR4A2 nuclear receptor subfamily 4, group A, member 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	NR4A2
<b>Synonyms</b>	NR4A2; nuclear receptor subfamily 4, group A, member 2; NURR1; nuclear receptor subfamily 4 group A member 2; HZF 3; NOT; RNR1; TINUR; nuclear receptor related 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;
<b>Gene ID</b>	4929
<b>mRNA Refseq</b>	NM_006186
<b>Protein Refseq</b>	NP_006177
<b>MIM</b>	601828
<b>UniProt ID</b>	P43354

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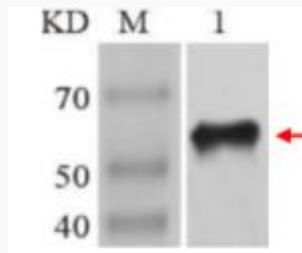
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**SDS-PAGE analysis  
of purified  
recombinant NR4A2**



Lane M: Protein marker  
Lane 1: Sample  
Lane 2: Flow through  
Lane 3: Elution

**WB analysis of  
purified recombinant  
NR4A2**



Lane M: Protein marker,  
Lane 1: NR4A2

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