

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	MPCVQAQYGSSPQGASPASQSYSYHSSGEYSSDFLTPEFVKFSMDLTNTEITATTS LPSFSTFMDNYSTGYDVKPPCLYQMPLSGQQSSIKVEDIQMHNYQQHSHLPPQSEE MMPHSGSVYYKPSSPPTPTTPGFQVQHSPMWDDPGSLHNFHQNYVATTHMIEQR KTPVSRLSLFSFKQSPPGTPVSSCQMRFDGPLHVP MNPEPAGSHHVVDGQTFAVP NPIRK PASM GF PGLQIGHASQLLDTQVPSPPSRGSPSNEGLCAVCGDNAACQHYG VRTCEGCKGFFKRTVQKNAKYVCLANKNCPVDKRRRNRCQYCRFQKCLAVGMVK EVVRTDSLKGRRGR LPAKPKSPQEPSPPSPVSLISALVRAHVDSNPAMTSLDYSRF QANPDYQMSGDDTQHIQQFYDLLTGSM EIIRGWA EKIPGFADLPKADQDLLFESAFL ELFVLRLAYRSNPVEGKLIFCNGVVLHRLQCVRGFG EWIDSIVEFSSNLQNMNIDISA FSCIAALAMVTERHGLKEPKRVEELQNKIVNCLKDHVTFNNGGLNRPNYLSKLLGKL PELRTLCTQGLQRIFYLKLEDLVPPPAIIDKLFDLTLPF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

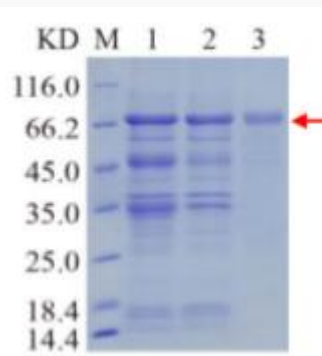
Gene Name	NR4A2 nuclear receptor subfamily 4, group A, member 2 [Homo sapiens (human)]
Official Symbol	NR4A2
Synonyms	NR4A2; nuclear receptor subfamily 4, group A, member 2; NURR1; nuclear receptor subfamily 4 group A member 2; HZF 3; NOT; RNR1; TINUR; nuclear receptor related 1; T-cell nuclear receptor 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;
Gene ID	4929
mRNA Refseq	NM_006186
Protein Refseq	NP_006177
MIM	601828
UniProt ID	P43354

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



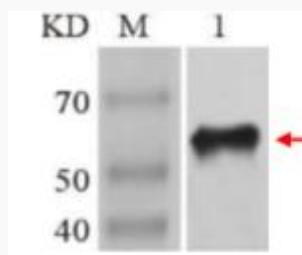
Lane M: Protein marker

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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