

Recombinant Human NR4A1 (351S) Protein, His tagged

Cat. No. NR4A1-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR4A1 (351S) 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. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene.
AA Sequence	MPCIQAQYGTAPSPGPRDHLASDPLTPEFIKPTMDLASPEAAPAAPTALPSFSTFM DGYTGEFDTFLYQLPGTVQPCSSASSASSTSSSSATSPASASFKFEDFQVYGCYP GPLSGPVDEALSSSGSDYYGSPCSAPSPSTPSFQPPQLSPWDGSFGHFSPSQTYE GLRAWTEQLPKASGPPQPPAFFSFSPPTGPSPLAQSPCLKLFP SQATHQLGEGESY SMPTAFPG LAPTSPHLEGSGILDTPVTSTKARSGAPGGSEGRCAVCGDNASCQHY GVRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRCQFCRFQKCLAVGMVK EVVRTDSLKGRRGR LPAKPKQPPDASPANLLTSLVRAHLDSGPSTAKLDYSKFQEL VLPHFGKEDAGDVQQFYDLLSGSLEVIRKWA EKIPGFAELSPADQDLLLES AFLELFI LRLAYRSKPGEGKLIFCSGLVLHRLQCARGFGDWIDSILAFSRLHSLLDVPAFACL SALVLITDRHGLQEPRRVEELQNRIASCLKEHVA AVAGEPQPASCLSRLLGKLP ELRT LCTQGLQRIFYLKLEDLVPPPIIDKIFMDTLPF

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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

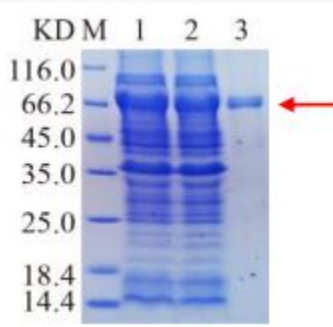
Gene Name	NR4A1 nuclear receptor subfamily 4, group A, member 1 [Homo sapiens (human)]
Official Symbol	NR4A1
Synonyms	NR4A1; nuclear receptor subfamily 4, group A, member 1; GFRP1, HMR; nuclear receptor subfamily 4 group A member 1; N10; NAK 1; NGFIB; NUR77; TR3; ST-59; hormone receptor; TR3 orphan receptor; steroid receptor TR3; testicular receptor 3; early response protein NAK1; orphan nuclear receptor HMR; orphan nuclear receptor TR3; nuclear hormone receptor NUR/77; growth factor-inducible nuclear protein N10; nerve growth factor IB nuclear receptor variant 1; HMR; NP10; GFRP1; NAK-1; MGC9485;
Gene ID	3164
mRNA Refseq	NM_001202233
Protein Refseq	NP_001189162
MIM	139139
UniProt ID	P22736

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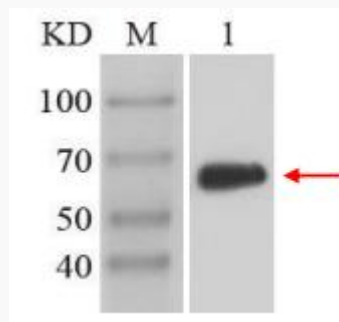
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**SDS-PAGE analysis
of purified
recombinant NR4A1**



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

**WB analysis of
purified recombinant
NR4A1**



Lane M: Protein marker
Lane 1: NR4A1

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