

# Recombinant Full Length Human NR4A1 Protein, C-Flag-tagged

Cat. No. NR4A1-61HFL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human NR4A1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	64.3 kDa
<b>AA Sequence</b>	MPCIQAQYGTAPSPGPRDHLASDPLTPEFIKPTMDLASPEAAPAAPALPSFSTFM DGYTGEFDTFLYQ LPGTVQPCSSASSSASSTSSSSATSPASASFKEFDFQVYGCYP GPLSGPVDEALSSSGSDYYGSPCSAPS PSTPSFQPPQLSPWDGSGFHFSPSQTYE GLRAWTEQLPKASGPPQPPAFFSFSPTGPSPLAQSPKLKLF PSQATHQLGEGES YSMPTAFPLAPTSPHLEGSGILDTPVTSTKARSGAPGGSEGRCAVCGDNASCQHY G VRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRCQFCRFQKCLAVGMVK

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

EVVRTDSLKGRRRLP SKPKQPPDASPANLLTSLVRAHLDSGPSTAKLDYSKFQEL  
 VLPHFGKEDAGDVQQFYDLLSGSLEVIRKW AEKIPGFAELSPADQDLLLESFALELFI  
 LRLAYRSKPGEGKLIFCSGLVLHRLQCARGFGDWIDSILAFS RSLHSLLDVPAFACL  
 SALVLITDRHGLQEP RRVEELQNRIASCLKEHVAAVAGEPQPASCLSRLLGKLP  
 ELRTLCTQGLQRIFYLKLEDLVPPPPIIDKIFMDTLPFTRTRPLEQKLISEEDLAANDILD  
 YKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
<b>Protein Pathways</b>	MAPK signaling pathway
<b>Full Length</b>	Full L.

## GENE INFORMATION

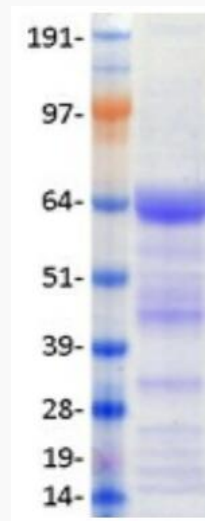
<b>Gene Name</b>	NR4A1 nuclear receptor subfamily 4 group A member 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	NR4A1

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Synonyms</b>	HMR; N10; TR3; NP10; GFRP1; NAK-1; NGFIB; NUR77
<b>Gene ID</b>	3164
<b>mRNA Refseq</b>	NM_002135.5
<b>Protein Refseq</b>	NP_002126.2
<b>MIM</b>	139139
<b>UniProt ID</b>	P22736



Coomassie blue staining of purified NR4A1 protein.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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