

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

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

SPECIFICATION

Product Overview	Recombinant Full Length Human NR4A1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	64.3 kDa
AA Sequence	MPCIQAQYGTPAPSPGPRDHLASDPLTPEFIKPTMDLASPEAAPAAPALPSFSTFM DGYTGEFDTFLYQ LPGTVQPCSSASSSASSTSSSSATSPASASFKFEDFQVYGCYP GPLSGPVDEALSSSGSDYYGSPCSAPS PSTPSFQPPQLSPWDGSFGHFSPSQTYE GLRAWTEQLPKASGPPQPPAFFSFSPPTGPSPSLAQSPKLKLF PSQATHQLGEGES YSMPATAFPGLAPTSPHLEGSGILDTPVTSTKARSGAPGGSEGRCAVCGDNASCQHY G VRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRCQFCRFQKCLAVGMVK

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EVVRTDSLKGRRGRLP SKPKQPPDAS PANLLTSLVRAHLDSGPSTAKLDYSKFQEL
 VLPHFGKEDAGDVQQFYDLLSGSLEVIRKW AEKIPGFAELSPADQDLLLES AFLELFI
 LRLAYRSKPGEGKLIFCSGLVLHRLQCARGFGDWIDSILAFS RSLHSLLDVPAFACL
 SALVLITDRHGLQEPRRVEELQNRIASCLKEHVAAVAGEPQPASCLSRLLGKLP
 ELRTLCTQGLQRIFYLKLEDLVPPPIIDKIFMDTLPFTRTRPLEQKLISEEDLAANDILD
 YKDDDDKV

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

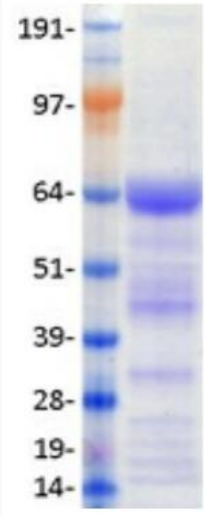
GENE INFORMATION

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

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Synonyms	HMR; N10; TR3; NP10; GFRP1; NAK-1; NGFIB; NUR77
Gene ID	3164
mRNA Refseq	NM_002135.5
Protein Refseq	NP_002126.2
MIM	139139
UniProt ID	P22736
 Coomassie blue staining of purified NR4A1 protein.	