

# Recombinant Full Length Human NR4A3 Protein, C-Flag-tagged

**Cat. No.** NR4A3-1338HFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human NR4A3 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. The encoded protein may act as a transcriptional activator. The protein can efficiently bind the NGFI-B Response Element (NBRE). Three different versions of extraskelatal myxoid chondrosarcomas (EMCs) are the result of reciprocal translocations between this gene and other genes. The translocation breakpoints are associated with Nuclear Receptor Subfamily 4, Group A, Member 3 (on chromosome 9) and either Ewing Sarcome Breakpoint Region 1 (on chromosome 22), RNA Polymerase II, TATA Box-Binding Protein-Associated Factor, 68-KD (on chromosome 17), or Transcription factor 12 (on chromosome 15). 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>	69.3 kDa
<b>AA Sequence</b>	MHDSIRFGNVDMPCVQAQYSPSPPGSSYAAQYSSEYTTEIMNPDYTKLTMDLGST EITATATTSLPSIS TFVEGYSSNYELKPCSVYQMQRPLIKVEEGRAPSYHHHHHHHH

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HHHHHHQQHQQPSIPPASSPEDEVLP STSMYFKQSPSTPTTPAFPPQAGALWD  
 EALPSAPGCIAPGPLLDPPMKAVPTVAGARFPLFHFKPSPPH PPAPSPAGGHHLGY  
 DPTAAAALSPLGAAAAAGSQAAALESHPYGLPLAKRAAPLAFPPLGLTPSPTASS L  
 LGESPSLPSPPSRSSSSGEGTCAVCGDNAACQHYGVRTCEGCKGFFKRTVQKNAK  
 YVCLANKNCPVDKR RRNRCQYCRFQKCLSVGMVKEVVRTDSLKGRRGRRLPSKPK  
 SPLQQEPSQSPSPPICMMNALVRALTDSTPRDLDSRYCPTDQAAAGTDAEHV  
 QQFYNLLTASIDVSRSWAEKIPGFTDLPKEDQTLIESAFLELFV LRLSIRSNTAEDKF  
 VFCNGLVLHRLQCLRGFGEWLDSIKDFSLNLQSLNLDIQALACLSALSMITERHGL K  
 EPKRVEELCNKITSSLKDHQSKGQALEPTESKVLGALVELRKICTLGLQRIFYLKLEDL  
 VSPPSIIDKL  
 FLDTLPFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**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

**Full Length** Full L.

## GENE INFORMATION

**Gene Name** NR4A3 nuclear receptor subfamily 4 group A member 3 [ Homo sapiens (human) ]

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<b>Official Symbol</b>	NR4A3
<b>Synonyms</b>	CHN; CSMF; NOR1; MINOR
<b>Gene ID</b>	8013
<b>mRNA Refseq</b>	NM_173200.3
<b>Protein Refseq</b>	NP_775292.1
<b>MIM</b>	600542
<b>UniProt ID</b>	Q92570



Coomassie blue staining of purified NR4A3 protein.

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