

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

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

SPECIFICATION

Product Overview	Recombinant Full Length Human NR4A3 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. 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	69.3 kDa
AA Sequence	MHDSIRFGNVDMPCVQAQYSPSPPGSSYAAQTYSSSEYTTIMNPDYTKLTMDLGST EITATATTSLPSIS TFVEGYSSNYELKPSCVYQMQRPLIKVEEGRAPSYHHHHHHHHH

 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

HHHHHHQQHQQPSIPPASSPEDEVLP STSMYFKQSPPSTPTTAPFPPQAGALWD
 EALPSAPGCIAPGPLLDPPMKAVPTVAGARFPLFHFKPSPPH PPAPSPAGGHHLG
 DPTAAAALSLPLGAAAAAGSQAAALESHPYGLPLAKRAAPLAFPPPLGLTPSPTASS L
 LGESPSLPSPPSRSSSSGEGTCAVCGDNAACQHYGVRTCEGCKGFFKRTVQKNAK
 YVCLANKNCPVDKR RRNRCQYCRFQKCLSVGMVKEVVRTDSLKGRRGRLPSPKPK
 SPLQQEPSQSPSPSPICMMNALVRALTDSTPRDLDSRYCPTDQAAAGTDAEHV
 QQFYNLLTASIDVSRSWAEKIPGFTDLPKEDQTLLIESAFLELFV 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

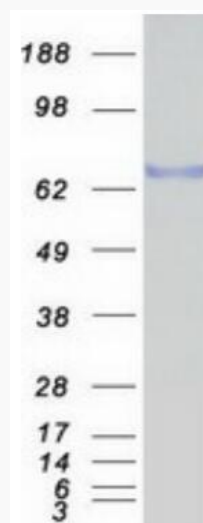
Gene Name [NR4A3 nuclear receptor subfamily 4 group A member 3 \[Homo sapiens \(human\) \]](#)

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



Coomassie blue staining of purified NR4A3 protein.