

# Recombinant Full Length Human NR4A3 Protein, GST-tagged

Cat. No. NR4A3-6745HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human NR4A3 full-length ORF (NP_008912.2, 1 a.a. - 626 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	626 amino acids
<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 extraskeletal 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). Four transcript variants encoding three distinct isoforms have been identified for this gene. [provided by RefSeq]
<b>Molecular Mass</b>	94.6 kDa
<b>AA Sequence</b>	MPCVQAQYSPSPPGSSYAAQYSSSEYTTEIMNPDYTKLTMDLGSTEITATATTSPLSI STFVEGYSSNYELKPSCVYQMQRPLIKVEEGRAPSYHHHHHHHHHHHHHHHHHHHHQQQH QQPSIPPASSPEDEVLPSTSMYFKQSPPSTPTTPAFPQAGALWDEALPSAPGCIAP

 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

GPLLDPPMKAVPTVAGARFPLFHFKPSPPHPPAPSPAGGHHLYDPTAAAALSPL  
 GAAAAAGSQAAALESHPYGLPLAKRAAPLAFPPPLGLTPSPTASSLLGESPSLPSPPS  
 RSSSSGEGTCAVCGDNAACQHYGVRTCEGCKGFFKRTVQKNAKYVCLANKNCPV  
 DKRRRNRCQYCRFQKCLSVGMVKEVVRTDSLKGRRGRLPSKPKSPLQQEPSQPSP  
 PSPPICMMNALVRALTDSTPRDLDSRYCPTDQAAAGTDAEHVQQFYNLLTASIDVS  
 RSWAEKIPGFTDLPKEDQTLLESFALELFVLRLSIRSNTAEDKFVFCNGLVLHRLQCL  
 RGFGEWLDSIKDFSLNLQSLNLDIQALACLSALSMITERHGLKEPKRVEELCNKITSSL  
 KDHQSKGQALEPTESKVLGALVELRKICTLGLQRIFYLKLEDLVSPPSIIDKFLDTPF

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

NR4A3 nuclear receptor subfamily 4, group A, member 3 [ Homo sapiens ]

**Official Symbol**

NR4A3

**Synonyms**

NR4A3; nuclear receptor subfamily 4, group A, member 3; nuclear receptor subfamily 4 group A member 3; CHN; CSMF; MINOR; NOR1; nuclear hormone receptor NOR-1; neuron-derived orphan receptor 1; mitogen-induced nuclear orphan receptor; translocated in extraskeletal chondrosarcoma; chondrosarcoma, extraskeletal myxoid, fused to EWS; TEC;

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Gene ID	8013
mRNA Refseq	NM_006981
Protein Refseq	NP_008912
MIM	600542
UniProt ID	Q92570

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