

Recombinant Human NR4A3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NR4A3-2048H Lot. No. (See product label)

SPECIFICATION

Product Overview

NR4A3 MS Standard C13 and N15-labeled recombinant protein (NP_775292) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

69.3 kDa

AA Sequence

MHDSIRFGNVDMPCVQAQYSPSPPGSSYAAQYSSEYTTEIMNPDYTKLTMDLGST
EITATATTSLSISTFVEGYSSNYELKPSCVYQMQRPLIKVEEGRAPSYHHHHHHHH
HHHHHHQQHQQPSIPPASSPEDEVLPSTSMYFKQSPPSTPTTPAFPPQAGALWD

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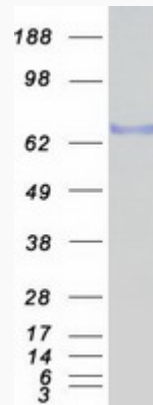
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 DPTAAAALSLPLGAAAAAGSQAAALESHPYGLPLAKRAAPLAFPPPLGLTPSPTASSLL
 GESPSLPSPPSRSSSSGEGTCAVCGDNAACQHYGVRTCEGCKGFFKRTVQKNAKY
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 LQQEPSQPSPSPPICMMNALVREALTDSTPRDLDSRYCPTDQAAAGTDAEHVQQF
 YNLLTASIDVSRSWAEKIPGFTDLPKEDQTLLESFALELFLVRLSIRSNTAEDKFVFC
 NGLVLHRLQCLRGFGWLDISKDFSLNLQSLNLDIQALACLSALSMITERHGLKEPKR
 VEELCNKITSSLKDHQSKGQALEPTESKVLGALVELRKICTLGLQRIFYLKLEDLVSP
 SIIDKLFLDTLPFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NR4A3 nuclear receptor subfamily 4 group A member 3 [Homo sapiens (human)]
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 extraskelatal chondrosarcoma; chondrosarcoma, extraskelatal myxoid,

fused to EWS; TEC;

Gene ID 8013**mRNA Refseq** NM_173200**Protein Refseq** NP_775292**MIM** 600542**UniProt ID** Q92570**SDS-PAGE** 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