

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	MHDSIRFGNVDMPCVQAQYSPSPPGSSYAAQTYSSSEYTTEIMNPDYTKLTMDLGST EITATATTSLPSISTFVEGYSSNYELKPSCVYQMQRPLIKVEEGRAPSYHHHHHHHH HHHHHHQQQHQQPSIPPASSPEDEVLPSTSMYFKQSPPSTPTTPAFPPQAGALWD

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EALPSAPGCIAPGPLLDDPPMKAVPTVAGARFPLFHFHKPSPPHPPAPSPAGGHHLG
 DPTAAAALSLPLGAAAAAGSQAAALSHPYGLPLAKRAAPLAFPPPLGLTPSPTASSLL
 GESPSLPSPPSRSSSSGEGTCAVCGDNAACQHYGVRTCEGCKGFFKRTVQKNAKY
 VCLANKNCPVDKRRRNRCQYCRFQKCLSVGMVKEVVRTDSLKGRRGRLPSKPKSP
 LQQEPSQPSPSPPICMMNALVRALTDSTPRDLDSRYCPTDQAAAGTDAEHVQQF
 YNLLTASIDVSRSWAEKIPGFTDLPKEDQTLIESAFLELFVLRLSIRSNTAEDKFVFC
 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,

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fused to EWS; TEC;

Gene ID 8013

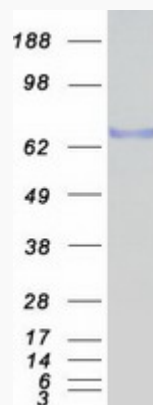
mRNA Refseq NM_173200

Protein Refseq NP_775292

MIM 600542

UniProt ID Q92570

SDS-PAGE



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