

Recombinant Human NR4A3 Protein, GST-tagged

Cat. No. NR4A3-6097H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NR4A3 full-length ORF (NP_008912.2, 1 a.a. - 626 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 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]
Molecular Mass	94.6 kDa
AA Sequence	MPCVQAQYSPSPPGSSYAAQTYSSSEYTTEIMNPDYTKLTMDLGSTEITATATTSLSPI STFVEGYSSNYELKPSCVYQMQRPLIKVEEGRAPSYHHHHHHHHHHHHHHHHHQQQH QQPSIPPASSPEDEVLPSTSMYFKQSPPSTPTTPAFPPQAGALWDEALPSAPGCIAP GPLLDPPMKAVPTVAGARFPLFHFKPSPPHPPAPSPAGGHHLGYPDPTAAAALSLPL

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GAAAAAGSQAAALESHPYGLPLAKRAAPLAFPPPLGLTPSPTASSLLGESPSLPSPPS
 RSSSSGEGTCAVCGDNAACQHYGVRTCEGCKGFFKRTVQKNAKYVCLANKNCPV
 DKRRRNRCQYCRFQKCLSVGMVKEVVRTDSLKGRRGRLPSKPKSPLQQEPSQPSP
 PSPPICMMNALVRALTDSTPRDLDSRYCPTDQAAAGTDAEHVQQFYNNLTASIDVS
 RSWAEKIPGFTDLPKEDQTLIESAFLELFVLRLSIRSNTAEDKFVFCNGLVLHRLQCL
 RGFGEWLDSIKDFSLNLQSLNLDIQALACLSALSMITERHGLKEPKRVEELCNKITSSL
 KDHQSKGQALEPTESKVLGALVELRKICTLGLQRIFYLKLEDLVSPPSIIDKLFLDTLPF

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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