

Recombinant Human NR4A3 Protein, GST-tagged

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

SPECIFICATION

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| 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 Sarcoma 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 | MPCVQAQYSPSPPGSSYAAQYSSEYTTEIMNPDYTKLTMDLGSTEITATATTSLSI STFVEGYSSNYELKPSCVYQMQRPLIKVEEGRAPSYHHHHHHHHHHHHHHHHQQQH QQPSIPPASSPEDEVLPSTSMYFKQSPPSTPTTTPAFPQAGALWDEALPSAPGCIAP GPLLDPPMKAVPTVAGARFPLFHFKPSPPHPPAPSPAGGHHHLGYDPTAAAALSPL |

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GAAAAAGSQAAALESHPYGLPLAKRAAPLAFPPPLGLTPSPTASSLLGESPSLPSPPS
 RSSSSGEGTCAVCGDNAACQHYGVRTCEGCKGFFKRTVQKNAKYVCLANKNCPV
 DKRRRNRCQYCRFQKCLSVGMVKEVVRTDSLKGRRGRLPSKPKSPLQQEPSQPSP
 PSPPICMMNALVRALTDSTPRDLTDYSRYCPTDQAAAGTDAEHVQQFYNLLTASIDVS
 RSWAEKIPGFTDLPKEDQTLLESFALELVLRLSIRSNTAEDKFVFCNGLVLHRLQCL
 RGFGEWLDSIKDFSLNLQSLNLDIQALACLALSMITERHGLKEPKRVEELCNKITSSL
 KDHQSKGQALEPTESKVLGALVELRKICTLGLQRIFYLKLEDLVSPPSIIDKLFLDTLPF

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| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |
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| Notes | Best use within three months from the date of receipt of this protein. |
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| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
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| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
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GENE INFORMATION

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| Gene Name | NR4A3 nuclear receptor subfamily 4, group A, member 3 [Homo sapiens] |
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| Official Symbol | NR4A3 |
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| 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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