

Recombinant Human NR4A3 (376S) Protein, His tagged

Cat. No. NR4A3-03H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human NR4A3 (376S) Protein with His-tag was expressed in E. coli.

Species Human

Source E.coli

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.

AA Sequence

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MPCVQAQYSPSPPGSSYAAQYSSEYTTTEIMNPDYTKLTMDLGSTEITATATTSLSPI
STFVEGYSSNYELKPCSVYQMQRPLIKVEEGRAPSYHHHHHHHHHHHHHHHHHQQQH
QQPSIPPASSPEDEVLPSTSMYFKQSPSTPTTPAFPPQAGALWDEALPSAPGCIAP
GPLLDPPMKAVPTVAGARFPLFHFKPSPPHPPAPSPAGGHHLGYDPTAAAALSPL
GAAAAAGSQAAALESHPYGLPLAKRAAPLAFPPGLTPSPTASSLLGESPSLSPSPS
RSSSSGEGTCAVCGDNAACQHYGVRTCEGCKGFFKRTVQKNAKYVCLANKNCPV
DKRRRNRCQYCRFQKCLSVGMVKEVVRTDSLKGRRGRLPAKPKSPLQQEPSQPSP
```

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PSPPICMMNALVRALTDSTPRDLDSRYCPTDQAAAGTDAEHVQQFYNLLTASIDVS
 RSWAEKIPGFTDLPKEDQTLIESAFLELFLVRLSIRSNTAEDKFVFCNGLVLHRLQCL
 RGFGEWLDSIKDFSLNLQSLNLDIQALACLSALSMITERHGLKEPKRVEELCNKITSSL
 KDHQSKGQALEPTESKVLGALVELRKICTLGLQRIFYLKLEDLVSPPSIIDKFLDITLPP

Purity > 85% by SDS-PAGE

Storage Long Term Storage at -20 to -80 centigrade. Avoid freeze/thaw cycles.

Concentration 0.2 mg/mL

Storage Buffer PBS, pH 7.4

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 extraskeletal chondrosarcoma; chondrosarcoma, extraskeletal myxoid, fused to EWS; TEC;

Gene ID [8013](#)

mRNA Refseq [NM_006981](#)

Protein Refseq [NP_008912](#)

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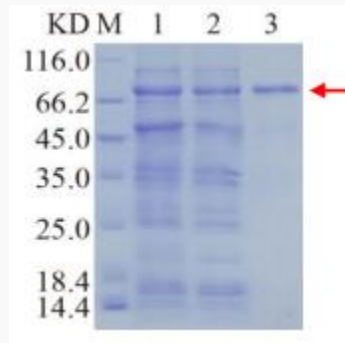
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MIM 600542

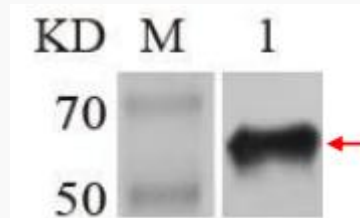
UniProt ID Q92570

**SDS-PAGE analysis
of purified
recombinant NR4A3**



Lane M: Protein marker,
Lane 1: Sample
Lane 2: Flow through
Lane 3: Elution

**WB analysis of
purified recombinant
NR4A3**



Lane M: Protein marker,
Lane 1: NR4A3

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