

Recombinant Mouse Nr4a3 Protein, Myc/DDK-tagged

Cat. No. Nr4a3-4492M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nuclear receptor subfamily 4, group A, member 3 (Nr4a3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the NR4A subfamily of nuclear hormone receptors that bind to DNA and modulate gene expression. The encoded protein has been implicated in T and B lymphocyte apoptosis, and immune cell proliferation. Mice lacking the encoded protein exhibit partial bidirectional circling behavior and inner ear dysfunction. Disruption of this gene in mice also results in defective hippocampal axonal growth and postnatal neuronal cell death. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	68.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Nr4a3 nuclear receptor subfamily 4, group A, member 3 [Mus musculus (house mouse)]

Official Symbol Nr4a3

Synonyms NR4A3; nuclear receptor subfamily 4, group A, member 3; nuclear receptor subfamily 4 group A member 3; neural orphan receptor 1; orphan nuclear receptor TEC; translocated in extraskeletal chondrosarcoma; CHN; TEC; CSMF; Nor1; MINOR; NOR-1; AI573420

Gene ID 18124

mRNA Refseq NM_015743

Protein Refseq NP_056558

UniProt ID Q9QZB6

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