Recombinant Human NR4A2

Cat. No. NR4A2-30493TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 71-170 of Human Nurr1 with an N terminal proprietary tag; Predicted MWt 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. The encoded protein may act as a transcription factor. Mutations in this gene have been associated with disorders related to dopaminergic dysfunction, including Parkinson disease, schizophernia, and manic depression. Misregulation of this gene may be associated with rheumatoid arthritis. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.
Molecular Weight	36.630kDa inclusive of tags
Tissue specificity	Expressed in a number of cell lines of T-cell, B-cell and fibroblast origin. Strong expression in brain tissue.
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	GFQVQHSPMWDDPGSLHNFHQNYVATTHMIEQRKTPVSRLSLFSFKQSPPGTPVS SCQMRFDGPLHVPMNPEPAGSHHVVDGQTFAVPNPIRKPASMGFP
Sequence Similarities	Belongs to the nuclear hormone receptor family. NR4 subfamily.Contains 1 nuclear receptor DNA-binding domain.

GENE INFORMATION

Gene Name	NR4A2 nuclear receptor subfamily 4, group A, member 2 [Homo sapiens]
Official Symbol	NR4A2
Synonyms	NR4A2; nuclear receptor subfamily 4, group A, member 2; NURR1; nuclear receptor subfamily 4 group A member 2; HZF 3; NOT; RNR1; TINUR;
Gene ID	4929
mRNA Refseq	NM_006186
Protein Refseq	NP_006177
MIM	601828
Uniprot ID	P43354
Chromosome Location	2q22-q23

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Pathway	Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear Receptors, organism-specific biosystem;
Function	ligand-dependent nuclear receptor activity; metal ion binding; protein binding; protein heterodimerization activity; receptor activity;

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