

Recombinant Human NR4A2 Protein, His-tagged

Cat. No. NR4A2-2508H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR4A2 Protein (Val332-Lys558) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val332-Lys558
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, schizophrenia, 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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.7 kDa Accurate Molecular Mass: 29 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	NR4A2 nuclear receptor subfamily 4, group A, member 2 [Homo sapiens (human)]
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; nuclear receptor related 1; T-cell nuclear receptor NOT; orphan nuclear receptor NR4A2; orphan nuclear receptor NURR1; intermediate-early receptor protein; immediate-early response protein NOT; nur related protein-1, human homolog of; transcriptionally-inducible nuclear receptor; NGFI-B/nur77 beta-type transcription factor homolog; transcriptionally inducible nuclear receptor related 1; HZF-3;
Gene ID	4929

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mRNA Refseq	NM_006186
Protein Refseq	NP_006177
MIM	601828
UniProt ID	P43354

