

Recombinant Human NR4A2 Protein (1-598 aa), His-tagged

Cat. No. NR4A2-2451H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NR4A2 Protein (1-598 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-598 aa
Description	Transcriptional regulator which is important for the differentiation and maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development. It is crucial for expression of a set of genes such as SLC6A3, SLC18A2, TH and DRD2 which are essential for development of mdDA neurons.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	68.6 kDa
AA Sequence	MPCVQAQYGSSPQGASPASQSYSYHSSGEYSSDFLTPEFVKFMSMDLTNTEITATTS LPSFSTFMDNYSTGYDVKPPCLYQMPLSGQQSSIKVEDIQMHNYQQHSHLPPQSEE MMPHSGSVYYKPSSPPTPTTPGFQVQHSPMWDDPGSLHNFHQNYVATTHMIEQR KTPVSRLSLFSFKQSPPGTPVSSCQMRFDGPLHVPMNPEPAGSHHVVDGQTFVAVP NPIRKPASMGFPLQIGHASQLLDTQVPSPPSRGSPSNEGLCAVCGDNAACQHYG VRTCEGCKGFFKRTVQKNAKYVCLANKNCPVDKRRRNRCQYCRFQKCLAVGMVK

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EVVRTDSLKGRRGRLPSKPKSPQEPSPSPVSLISALVRAHVDSNPAMTSLDYSRF
 QANPDYQMSGDDTQHIQQFYDLLTGSMEIIRGWAEKIPGFADLPKADQDLLFESAFL
 ELFVLRRLAYRSNPVEGKLIFCNGVVLHRLQCVRGFGGEWIDSIVEFSSNLQNMNIDISA
 FSCIAALAMVTERHGLKEPKRVEELQNKIVNCLKDHVTFNNGGLNRPNYLSKLLGKL
 PELRTLCTQGLQRIFYLKLEDLVPPPAIIDKLFLDTLPF

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name NR4A2 nuclear receptor subfamily 4, group A, member 2 [Homo sapiens]

Official Symbol NR4A2

Synonyms NR4A2; NURR1; HZF 3; NOT; RNR1; TINUR; nuclear receptor related 1; HZF-3;

Gene ID 4929

mRNA Refseq NM_006186

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Protein Refseq	NP_006177
MIM	601828
UniProt ID	P43354



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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