Recombinant Full Length Human NR4A2 Protein, C-Flag-tagged

Cat. No. NR4A2-371HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NR4A2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	66.4 kDa
AA Sequence	MPCVQAQYGSSPQGASPASQSYSYHSSGEYSSDFLTPEFVKFSMDLTNTEITATTS LPSFSTFMDNYSTG YDVKPPCLYQMPLSGQQSSIKVEDIQMHNYQQHSHLPPQSE EMMPHSGSVYYKPSSPPTPTTPGFQVQHS PMWDDPGSLHNFHQNYVATTHMIEQ RKTPVSRLSLFSFKQSPPGTPVSSCQMRFDGPLHVPMNPEPAGSH HVVDGQTFAV PNPIRKPASMGFPGLQIGHASQLLDTQVPSPPSRGSPSNEGLCAVCGDNAACQHY GVRTC EGCKGFFKRTVQKNAKYVCLANKNCPVDKRRRNRCQYCRFQKCLAVGMV

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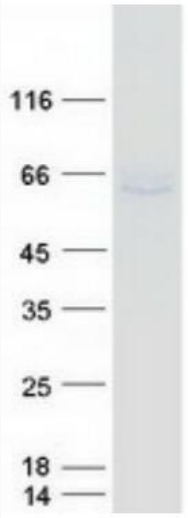
	KEVVRTDSLKGRRGRLPSKPK SPQEPSPPSPPVSLISALVRAHVDSNPAMTSLDYS RFQANPDYQMSGDDTQHIQQFYDLLTGSMEIIRGW AEKIPGFADLPKADQDLLFES AFLELFVLRLAYRSNPVEGKLIFCNGVVLHRLQCVRGFGEWIDSIVEFS SNLQNMNI DISAFSCIAALAMVTERHGLKEPKRVEELQNKIVNCLKDHVTFNNGGLNRPNYLSKLL GKLP ELRTLCTQGLQRIFYLKLEDLVPPPAIIDKLFLDTLPFSGPTRTRPLEQKLISEE DLAANDILDYKDDDD KVSGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	NR4A2 nuclear receptor subfamily 4 group A member 2 [Homo sapiens (human)]
Official Symbol	NR4A2
Synonyms	NOT; RNR1; HZF-3; IDLDP; NURR1; TINUR

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Gene ID	4929
mRNA Refseq	NM_006186.4
Protein Refseq	NP_006177.1
MIM	601828
UniProt ID	P43354



Coomassie blue staining of purified NR4A2 protein.

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