

Product datasheet for PH321280

Nurr1 (NR4A2) (NM_006186) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NR4A2 MS Standard C13 and N15-labeled recombinant protein (NP_006177)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221280
Predicted MW:	66.4 kDa
Protein Sequence:	>RC221280 representing NM_006186 Red=Cloning site Green=Tags(s)

MPCVQAQYGSPPQGASPASQSYHSSGEYSSDFLTPEFVKFSMDLTNTEITATTSLPSFSTFMDNYSTG
YDVKPPCLYQMPLSGQQSSIKVEDIQMHNYQQHSHLPPQSEEMPHSGSVYYKPSPTPTTPGFVQVQHS
PMWDDPGSLHNFHQNYVATTHMIEQRKTPVSRLSLFSFKQSPPGTPVSSCQMRFDGPLHVPMPNPEPAGSH
HVVDGQTFAVPNPIRKPASMGFPLQIGHASQLLDTQVPSPPSRGSPSNEGLCAVCGDNAACQHYGVRTC
EGCKGFFKRTVQKNAKYVCLANKNCPVDKRRRNRCQYCRFQKCLAVGMVKEVVRTDSLKGRRLPSKPK
SPQEPSPPSPVSLISALVRAHVDSNPAMTSLDYSRFQANPDYQMSGDDTQHIQQFYDLLTGSMEIIRGW
AEKIPGFADLPKADQDLLFESAFLELFVLRLAYRSNPVEGKLIFCNGVVLHRLQCVRGFGEWIDSIVEFS
SNLQNMNIDISAFSCIAALAMVTERHGLKEPKRVEELQNKIVNCLKDHVTFNNGGLNRPNYLSKLLGKLP
ELRTLCTQGLQRIFYLKLEDLVPPPAIIDKFLDLPFSGPTRTRTRPLEQKLISEEDLAANDILDYKDDDD
KV*

SGPTRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006177</u>
RefSeq Size:	3447



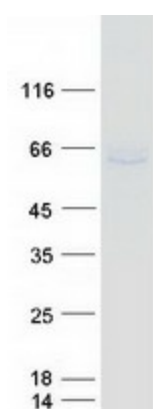
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RefSeq ORF:	1794
Synonyms:	HZF-3; NOT; NURR1; RNR1; TINUR
Locus ID:	4929
UniProt ID:	P43354 , F1D8N6 , Q53EL4
Cytogenetics:	2q24.1

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Product images:



Coomassie blue staining of purified NR4A2 protein (Cat# [TP321280]). The protein was produced from HEK293T cells transfected with NR4A2 cDNA clone (Cat# [RC221280]) using MegaTran 2.0 (Cat# [TT210002]).