

## Product datasheet for TP321280

### Nurr1 (NR4A2) (NM\_006186) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nuclear receptor subfamily 4, group A, member 2 (NR4A2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221280 representing NM_006186 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPCVQAQYGSSPQGASPASQSYSYHSSGEYSSDFLTPEFVKFMSMDLTNTEITATTSLPSFSTFMDNYSTG  
YDVKPPCLYQMPLSGQQSSIKVEDIQMHNYQQHSHLPPQSEEMMPHSGSVYYKPSSPTPTTPGFQVQ  
HS  
PMWDDPGSLHNFHQNYVATTHMIEQRKTPVSRLSLFSFKQSPPGTPVSSCQMRFDGPLHVPMPNPEPAG  
SH  
HWVDGQTFAVPNPIRKPA SMGFPLQIGHASQLLDTQVSPPSRGSPSNEGLCAVCGDNAACQHYGVRT  
C  
EGCKGFFKRTVQKNAKYVCLANKNCPVDKRRRNRCQYCRFQKCLAVGMVKEVVRTDSLKGRRLPSKP  
K  
SPQEPSPSPVSLISALVRAHVDSNPAMTSLDYSRFQANPDYQMSGDDTQHIQQFYDLLTGSMEIIRGW  
AEKIPGFADLPKADQDLLFESAFLELFLRLAYRSNPVEGKLIFCNGVVLHRLQCVRGFGEWIDSIVEFS  
SNLQNMNIDISAFSCIAALAMVTERHGLKEPKRVEELQNKIVNCLKDHVTFNNGGLNRPNYLSKLLGKLP  
ELRTLCTQGLQRIFYLKLEDLVPPPAIDKFLDTPFSGPTRTRPLEQKLISEEDLAANDILDYKDDDD  
KV\*

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

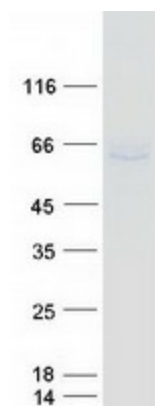
Tag:	C-Myc/DDK
Predicted MW:	66.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_006177</a>
<b>Locus ID:</b>	4929
<b>UniProt ID:</b>	<a href="#">P43354</a>
<b>RefSeq Size:</b>	3447
<b>Cytogenetics:</b>	2q24.1
<b>RefSeq ORF:</b>	1903
<b>Synonyms:</b>	HZF-3; NOT; NURR1; RNR1; TINUR
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).