

## Product datasheet for TP302202M

### NUR77 (NR4A1) (NM\_002135) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens nuclear receptor subfamily 4, group A, member 1 (NR4A1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202202 protein sequence Red=Cloning site Green=Tags(s)

MPCIQAQYGTAPSPGPRDHLASDPLTPEFIKPTMDLASPEAAPAAPALPSFSTFMDGYTGEFDTFLYQ  
LPGTVQPCSSASSASSTSSSSATSPASASFKFEDFQVYGCYPGPLSGPVDEALSSSGSDYYGSPCSAPS  
PSTPSFQPPQLSPWDGSGFHFSPSQTYEGLRAWTEQLPKASGPPQPPAFFSFPPTGPPSLAQSPKLKLF  
PSQATHQLGEGESYSMPTAFPGLAPTPHLEGSGILDTPVTSTKARSGAPGGSEGRCAVCGDNASCQHYG  
VRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRCQFCRFQKCLAVGMVKEVVRTDSLKGRRRRLP  
SKPKQPPDASPANLLTSLVRAHLDSGPSTAKLDYSKFQELVLPHPFGKEDAGDVQQFYDLLSGSLEVIRKW  
AEKIPGFAELSPADQDLLLESFALELFILRLAYRSKPGEGKLIFCSGLVLHRLQCARGFGDWIDSILAFS  
RSLHSLLDVPAFACLSALVLITDRHGLQEPRRVEELQNRIASCLKEHVAAVAGEPQPASCLSRLLGKLP  
ELRTLCTQGLQRIFYLKLEDLVPPPPPIIDKIFMDTLFP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

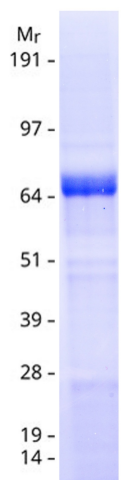
Tag:	C-Myc/DDK
Predicted MW:	64.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<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_002126</a>
<b>Locus ID:</b>	3164
<b>UniProt ID:</b>	<a href="#">P22736</a> , <a href="#">A0A024R126</a>
<b>RefSeq Size:</b>	2692
<b>Cytogenetics:</b>	12q13.13
<b>RefSeq ORF:</b>	1794
<b>Synonyms:</b>	GFRP1; HMR; N10; NAK-1; NGFIB; NP10; NUR77; TR3
<b>Summary:</b>	This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011]
<b>Protein Families:</b>	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
<b>Protein Pathways:</b>	MAPK signaling pathway

### Product images:



Coomassie blue staining of purified NR4A1 protein (Cat# [TP302202]). The protein was produced from HEK293T cells transfected with NR4A1 cDNA clone (Cat# [RC202202]) using MegaTran 2.0 (Cat# [TT210002]).