

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for TP302202L

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

### **Product data:**

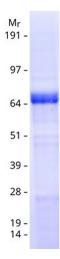
Description:Purified recombinant protein of Homo sapiens nuclear receptor subfamily 4, group A, member 1 (NR4A1), transcript variant 1, 1 mgSpecies:HumanExpression Host:HEK293TExpression cDNA Clom or AA Sequence:Red=Cloning site Green=Tags(s)Project Clope PSTPSFOPPOLSPWDGSFGHFDHLASDPLTPEFIKPTMDLASPEAAPAAPTALPSFSTFMDGYTGEFDTFLYQ LPGTVQPCSSASSASTSPASASFKFEDFQVYGCYPGPLSGPVDEALSSGSDYYGSPCSAPS PSTPSFOPPOLSPWDGSFGHFSPSQTYEGLRAWTEQLPKASGPPOPAFFSFSPTGPSPSLAGSPLKLF PSQATHQLGEGESYSMPTAFPGLAPTSPHLEGSGILDTPVTSTKARSGAPGGSEGRCAVCGDNASCQHYG VRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRNRCQFCRFQKCLAVGMVKEVVRTDSLKGRRGRLP SKPKQPPDASPANLLTSLVRAHLDSGPSTAKLDYSKPGELVLPHGKEDAGDQQPFDLLSGSLEVIRKW AEKIPGFAELSPADQLLLESAFLEFIERLAVRSKPGEGKLIFCSGLVLRRLQCARGFGDWIDSLKAFS RSLHSLLVDVPAFACLSALVLITDRHGLQEPRRVEELQNRIASCLKEHVAAVAGEPQPASCLSRLLGKLP ELRTLCTQGLQRIFYLKLEDLVPPPPIIDKIFMDTLPFTag:C-Myc/DDKTrag:C-Myc/DDKPredicted MW:64.3 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Storeae:Storeae: AB°CC.	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA CloneRRC202202 protein sequence Red=Cloning site Green=Tags(s)MPCIQAQYGTPAPSPGPRDHLASDPLTPEFIKPTMDLASPEAPAAPATALPSFSTFMDGYTGEFDTFLYQ LPGTVQPCSSASSASSSSASTSSSATSPASASFKFEDFQVYGCYPGPLSGPVDEALSSSGDYYGSPCSAPS PSTFFSFOPPQLSPWDGSFGHFSPSQTYEGLRAWTEQLPKASGPPQPPAFFSFSPPTGPSPSLAQSPLKLF PSQATHQLGEGESYSMPTAFPGLAPTSPHLEGSGILDTPVTSTKARSGAPGGSEGRCAVCGDNASCQHYG VRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRCQFCRFQKCLAVGMVKEVVRTDSLKGRRGRLP SKPKQPPDASPANLLTSLVRAHLDSGPSTAKLDYSKFQELVLPHFGKEDDGDVQQFYDLLSGSLEVIRKW VRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRCQFCRFQKCLAVGMVKEVVRTDSLKGRRGRLP SKPKQPPDASPANLLTSLVRAHLDSGPSTAKLDYSKFQELVLPHFGKEDDAGDVQQFYDLLSGSLEVIRKW PELRTLCTQGLQRIFYLKLEDLVPPPIIDKIFMDTLPFTag:CMCFredicted MW:64.3 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by microplate BCA methodPreparation:6combinant 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.	Description:	
Expression cDNA Clone>RC202202 protein sequenceRed=Cloning site Green=Tags(s)MPCIQAQYGTPAPSPGPRDHLASDPLTPEFIKPTMDLASPEAAPAAPTALPSFSTFMDGYTGEFDTFLYQLPGTVQPCSSASSTASSTSSSASTSPASASFKFEDFQVYGCYPGPLSGPVDEALSSSGSDYYGSPCSAPSPSPTSFQPPQLSPWDGSFGHFSPSQTYEGLRAWTEQLPKASGPPQPAFFSFSPTGPSPSLAQSPLKLFPSQATHQLGEGESYSMPTAFPGLAPTSPHLEGSGILDTPVTSTKARSGAPGGSEGRCAVCGDNASCQHYGVRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRCQFCRFQKCLAVGMVKEVVRTDSLKGRRGRLPSKPKQPPDASPANLLTSLVRAHLDSGPSTAKLDYSKPGEGKLIFCSGLVLHRLQCARGFGDWIDSILAFSRSLHSLLVDVPAFACLSALVITDRHGLQEPRRVEELQNRIASCLKEHVAAVAGEPQPASCLSRLLGKLPELRTLCTQGLQRIFYLKLEDLVPPPIIDKIFMDTLPFTag:CMyc/DDKPredicted MW:64.3 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 µm Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Grcombinant 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.	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)MPCIQAQYGTPAPSPGPRDHLASDPLTPEFIKPTMDLASPEAAPAAPTALPSFSTFMDGYTGEFDTFLYQ LPGTVQPCSSASSSASTSSSASTSPASASFKFEDFQVYGCYPGPLSGVDEALSSSGSDYYGSPCSAPS PSTPSFQPPQLSPWDGSFGHFSPSQTYEGLRAWTEQLPKASGPPQPPAFFSFSPTGPSPSLAQSPLKLF PSQATHQLGEGESYSMPTAFPGLAPTSPHLEGSGILDTPVTSTKARSGAPGGSEGRCAVCCDNASCQHYG VRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRNRCQFCRFQKCLAVGMVKEVVRTDSLKGRRGRLP SKPKQPPDASPANLLTSLVRAHLDSGPSTAKLDYSKFQELVLPHFGKEDAGDVQQFYDLLSGSLEVIRKW AEKIPGFAELSPADQDLLLESAFLELFILRLAYRSKPGEGKLIFCSGLVLHRLQCARGFGDWIDSILAFS RSLHSLLVDVPAFACLSALVLITDRHGLQEPRRVEELQNRIASCLKEHVAAVAGEPQPASCLSRLLGKLP ELRTLCTQGLQRIFYLKLEDLVPPPIIDKIFMDTLPFTag:C-Myc/DDKPredicted MW:64.3 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Expression Host:	HEK293T
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Storage: Store at -80°C.	Note:	
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	NUR77 (NR4A1) (NM_002135) Human Recombinant Protein – TP302202L
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 002126</u>
Locus ID:	3164
UniProt ID:	<u>P22736, A0A024R126</u>
RefSeq Size:	2692
Cytogenetics:	12q13.13
RefSeq ORF:	1794
Synonyms:	GFRP1; HMR; N10; NAK-1; NGFIB; NP10; NUR77; TR3
Summary:	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]
Protein Families	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Protein Pathway	s: 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]).

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