

Product datasheet for PH302202

NUR77 (NR4A1) (NM_002135) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NR4A1 MS Standard C13 and N15-labeled recombinant protein (NP_002126)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202202
Predicted MW:	64.5 kDa
Protein Sequence:	>RC202202 protein sequence Red=Cloning site Green=Tags(s)

MPCIQAYGTPAPSPGPRDHLASDPLTPEFIKPTMDLASPEAAPAAPTALPSFSTFMDGYTGEFDTFLYQ
LPGTVQPCSSASSASSTSSSSATSPASAFKFEDEFQVYGCYPGPLSGPVDEALSSSGSDYYGSPCSAPS
PSTPSFQPPQLSPWDGSFGHFSPSQTYEGLRAWTEQLPKASGPPQPPAFFSFSPPTGSPSLAQSPKLF
PSQATHQLGEGESYSMPATAFPLAPSPHLEGGILDTPTSTKARSGAPGGSEGRCAVCGDNASCQHYG
VRTCEGCKGFFKRTVQKNAKYICLANKDCPVDKRRRNRCQFCRFQKCLAVGMVKEVVRTSLKGRGRPL
SKPKQPPDASPANLLTSLVRAHLDSGPSTAKLDYSKFQELVLPFHGKEDAGDVQQFYDLLSGSLEVIRKW
AEKIPGFAELSPADQDLLESFALELFILRLAYRSKPGEGKLI FCSGLVLHRLQCARGFGDWIDSILAFS
RSLHSLLDVPAFACL SALVLI TDRHGLQEPRRVEELQNRIASCLKEHVAAVAGEPQPASCLSRLLGKLP
ELRTLCTQGLQRIFYLKLLEDLVPPPIIDKIFMDLTPF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_002126</u>
RefSeq Size:	2692
RefSeq ORF:	1794



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Synonyms:	GFRP1; HMR; N10; NAK-1; NGFIB; NP10; NUR77; TR3
Locus ID:	3164
UniProt ID:	P22736 , A0A024R126
Cytogenetics:	12q13.13
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 Pathways:	MAPK signaling pathway