

Product datasheet for PH304402

NUP93 (NM_014669) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NUP93 MS Standard C13 and N15-labeled recombinant protein (NP_055484)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204402
Predicted MW:	93.6 kDa
Protein Sequence:	>RC204402 protein sequence Red=Cloning site Green=Tags(s)

MDTEGFGELLQQAEQLAAETEGISELPHVERNLQEIQQAGERLSRRTLTRTSQETADV KASVLLGSRGLD
ISHISQRLESLSAATTFEPLPVKDTDIQGFLKNEKDNALLSAIEESRKRTFGMAE EYHRESMLVEVEQV
KQRILHTLLASGEDALDFTQESEPSYISDVGPPGRSSLDNIEMAYARQIYIYNEKIVNGHLQPNLVDLCA
SVAELDDKSIDMWTMVKQMTDVLTPATDALKNRSSVEVRMEFVRQALAYLEQSYKNYTLVTVFGNLHQ
AQLGGVPGTYQLVRSFLNIKLPAPLPGLQDGEVEGHPVWALIYYCMRCGDLLAASQVNNRAHQHQLGEFKT
WFQEYMNSKDRRLSPATENKLRRLHYRRALRNNTDPYKRAVYCIIGRCDVTDNQSEVADKTEDYLWLKLNQ
VCFDDGTSSPQDRLTLSQFQKQLLEDYGESHTVNQQPFYFQVLFLLTAQFEAAVAFLFRMERLRCHAV
HVALVLFELKLLKSSGQRAQLLSHEPGDPPCLRRLNFVRLMLYTRKFESTDPREALQYFYFLRDEKDS
QGENMFLRCVSELVIESREFDMILGKLENDGSRKPGVIDKFTSDTKPIINKVASVAENKGLFEEAAKLYD
LAKNADKVLELMNKLLSPVVPQISAPQSNKERLKNMALSAERYAQGISANKFVDSTFYLLLDLITFFD
EYHSGHIDRAFDIIRLKL VPLNQESVEERVAEFRNFSDIEIRHNLSEVLLATMNLIFTQFKRLKGTSPSS
SSRPQRVIEDRDSQLRSQARTLITFAGMIPYRTSGDTNARLVQMEVLMN

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_055484

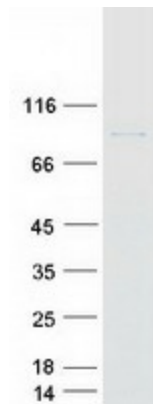


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RefSeq Size:	2922
RefSeq ORF:	2457
Synonyms:	NIC96
Locus ID:	9688
UniProt ID:	Q8N1F7
Cytogenetics:	16q13

Summary: The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. This gene encodes a nucleoporin protein that localizes both to the basket of the pore and to the nuclear entry of the central gated channel of the pore. The encoded protein is a target of caspase cysteine proteases that play a central role in programmed cell death by apoptosis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2016]

Product images:



Coomassie blue staining of purified NUP93 protein (Cat# [TP304402]). The protein was produced from HEK293T cells transfected with NUP93 cDNA clone (Cat# [RC204402]) using MegaTran 2.0 (Cat# [TT210002]).