

Product datasheet for TP304402

NUP93 (NM_014669) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nucleoporin 93kDa (NUP93), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204402 protein sequence Red=Cloning site Green=Tags(s)

MDTEGFGELLQQAELAAETEGISELPHVERNLQEIQQAGERLRSRTLTRTSQETADV KASVLLGSRGLD
ISHISQRLESLSAATTFEPLEPVKDTDIQGFLKNEKDNALLSAIEESRKRTFGMAEEYHRESMLVEWEQV
KQRILHTLLASGEDALDFTQESEPSYISDVGPPGRSSLDNIEMAYARQIYIYNEKIVNGHLQPNLVDLCA
SVAELDDKSISDMWTMVKQMTDVLLTPATDALKNRSSVEVRMEFVRQALAYLEQSYKNYTLVTVFGNLHQ
AQLGGVPGTYQLVRSFLNIKLPAPLPGLQDGEVEGHVPWALIYYCMRCGDLLAASQVVRQAQHLGFEKFT
WFQEYMNSKDRRLSPATENKLRRLHYRRALRNNTDPYKRAVYCIIGRCDVTDNQSEVADKTEDYLWLKLNQ
VCFDDDDGTSSPDRLTSLQFQKQLLEDYGESHFTVNQQPFLYFQVLFLLTAQFEAAVAFLLFRMERLRCHAV
HVALVLFELKLLKSSGQRAQLLSHEPGDPPCLRRLNFVRLMLYTRKFESTDPREALQYFYFLRDEKDS
QGENMFLRCVSELVIESREFDMILGKLENDGSRKPGVIDKFTSDTKPIINKVASVAENKGLFEEAAKLYD
LAKNADKVLKLLMNKLLSPVVPQISAPQSNKERLKNMALSIAERYRAQGISANKFVDSTFYLLDLITFFD
EYHSGHIDRAFDIIRLKLPLNQESVEERVAEFRNFSDEIRHNLSEVLLATMNLIFTQFKRLKGTSPSS
SSRPQRVIEDRDSQLRSQARTLITFAGMIPYRTSGDTNARLVQMEVLMN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

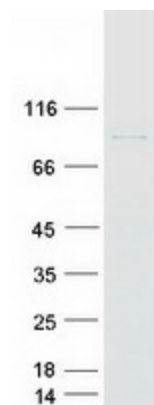
Tag:	C-Myc/DDK
Predicted MW:	93.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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Storage:	Store at -80°C.
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:	NP_055484
Locus ID:	9688
UniProt ID:	Q8N1F7
RefSeq Size:	2922
Cytogenetics:	16q13
RefSeq ORF:	2457
Synonyms:	NIC96
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]).