

## Product datasheet for PH308891

### Nup53 (NUP35) (NM\_138285) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NUP35 MS Standard C13 and N15-labeled recombinant protein (NP_612142)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208891
Predicted MW:	34.8 kDa
Protein Sequence:	>RC208891 protein sequence Red=Cloning site Green=Tags(s)

MAFAVEPQGPGALGSEPMMLGSPTSPKPGVNAQFLPGFLMGDLPAVTPQPRISIGPSVGVMEMRSPLLA  
GGSPQPVPVPAHKDKSGAPPVRSIYDDISSPGLGSTPLTSRRQPNISVMQSPLVGVSTSTPGTGQSMFSPA  
SIGQPRKTTLSAQLDPFYTQGDLSLTSDDLDDSWTVFGFPQASASYILLQFAQYGNILKHVMSNTGNW  
MHIRYQSKLQARKALSKDGRIFGESIMIGVKPCIDKSMESSDRCALSSPSLAFTPIKTLGTPTQPGST  
PRISTMRPLATAYKASTSDYQVISDRQTPKKDESLVSKAMEYMGW

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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><a href="#">NP_612142</a></u>
RefSeq Size:	1637
RefSeq ORF:	978
Synonyms:	MP-44; MP44; NP44; NUP53
Locus ID:	129401



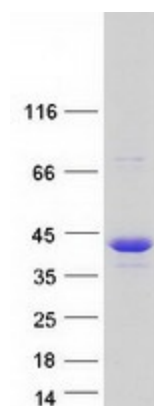
[View online »](#)

UniProt ID: [Q8NFH5](#)

Cytogenetics: 2q32.1

**Summary:** This gene encodes a member of the nucleoporin family. The encoded protein contains two membrane binding regions, is localized to the nuclear rim, and is part of the nuclear pore complex. All molecules entering or leaving the nucleus either diffuse through or are actively transported by the nuclear pore complex. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 7 and 10. [provided by RefSeq, Dec 2013]

## Product images:



Coomassie blue staining of purified NUP35 protein (Cat# [TP308891]). The protein was produced from HEK293T cells transfected with NUP35 cDNA clone (Cat# [RC208891]) using MegaTran 2.0 (Cat# [TT210002]).