

Recombinant Human NUP43 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NUP43-1919H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NUP43 MS Standard C13 and N15-labeled recombinant protein (NP_942590) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Bidirectional transport of macromolecules between the cytoplasm and nucleus occurs through nuclear pore complexes (NPCs) embedded in the nuclear envelope. NPCs are composed of subcomplexes, and NUP43 is part of one such subcomplex, Nup107-160.
Molecular Mass	42.2 kDa
AA Sequence	MEEIYAKFVSQKISKTRWRPLPPGSLQTAETFATGSWDNEENYISLWSIGDFGNLDS DGGFEGDHQLLCDIRHHGDMDLQFFDQERIVAASSTGCVTVFLHHPNNQTL SVNQ QWTTAHYHTGPGSPSYSSAPCTGVVCNNPEIVTVGEDGRINLFRADHKEAVRTIDN ADSSTLHAVTFLRTPEILTVNSIGQLKIWDFRQQGNEPSQILSLTGDRVPLHCVDRHP NQQHV VATGGQDGMLSIWDVRQGTMPVSLLKAHEAEMWEVHFHPSNPEHLFTCS EDGSLWHWDASTDVPEKSSLFHQGGRSSTFLSHSISNQANVHQSVISSWLSTDPAK DRIEITSLPSRSLSVNTLDVLGPCLVCGTDAEAIYVTRHLFSTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

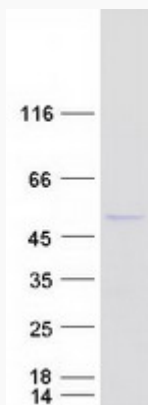
GENE INFORMATION

Gene Name	NUP43 nucleoporin 43kDa [Homo sapiens (human)]
Official Symbol	NUP43
Synonyms	NUP43; nucleoporin 43kDa; bA350J20.1; FLJ13287; Nup43;
Gene ID	348995
mRNA Refseq	NM_198887
Protein Refseq	NP_942590
MIM	608141
UniProt ID	Q8NFH3

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SDS-PAGE

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