

Product datasheet for PH309014

NUP43 (NM_198887) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NUP43 MS Standard C13 and N15-labeled recombinant protein (NP_942590)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209014
Predicted MW:	42.2 kDa
Protein Sequence:	>RC209014 protein sequence Red=Cloning site Green=Tags(s) MEEIYAKFVSQKISKTRWRPLPPGSLQTAETFATGSDNEENYISLWSIGDFGNLSDGGFEGDHLCD IRHHGDMDLQFFDQERIVAASSTGCVTVFLHHPNQTLSVNQQWTTAHYHTGPGSPSYSSAPCTGVVNCN NPEIVTVGEDGRINLFRADHKEAVRTIDNADSSTLHAVTFLRTPPEILTVNSIGQLKIWDFRQQGNEPSQI LSLTGDRVPLHCVDRHPNQHVATGGQDGMLSIWDVRQGTMPVSLKKAHEAEMWEVHFHPSNPEHLFTC SEDGSLWHWDASTDVPEKSSLFHQGGSSSTFLSHSISNQANVHQSVISSWLSTDPADRIEITSLPSRS LSVNTLDVLPCLVCGTDAEAIYVTRHLFS 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_942590
RefSeq Size:	3894
RefSeq ORF:	1140
Synonyms:	bA350J20.1; p42
Locus ID:	348995



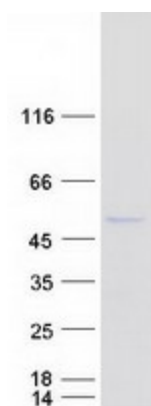
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UniProt ID: [Q8NFH3](#), [Q8TEA6](#)

Cytogenetics: 6q25.1

Summary: 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 (Loiodice et al., 2004 [PubMed 15146057]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified NUP43 protein (Cat# [TP309014]). The protein was produced from HEK293T cells transfected with NUP43 cDNA clone (Cat# [RC209014]) using MegaTran 2.0 (Cat# [TT210002]).