

Product datasheet for TP309014

NUP43 (NM_198887) Human Recombinant Protein

Product data:

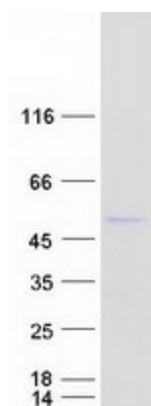
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nucleoporin 43kDa (NUP43), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209014 protein sequence Red =Cloning site Green =Tags(s)
	MEEIYAKFVSQKISKTRWRPLPPGSLQTAETFATGSWDNEENYISLWSIGDFGNLSDGGFEGDHQLLCD IRHHGDVMDLQFFDQERIVAASSTGCVTFLHHPNNTLSVNNQWTTAHYHTGPGSPSYSSAPCTGVVCN NPEIVTVGEDGRINLFRADHKEAVRTIDNADSSTLHAVTFLRTPPEILTVNSIGQLKIWDFRQQGNEPSQI LSLTGDRVPLHCVDRHPNQQHVVATGGQDGMLSIWDVRQGTMPVSLKAHEAEMWEVHFHPSNPEHLFTC SEDGSLWHWDASTDVPEKSSLFHQGGSSSTFLSHSISNQANVHQSVISSWLSTDPKADRIEITSLPSRS LSVNTLDVLPCLVCGTDAEAIYVTRHLFS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	42 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.
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:	<u>NP_942590</u>
Locus ID:	348995



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UniProt ID:	Q8NFH3
RefSeq Size:	3894
Cytogenetics:	6q25.1
RefSeq ORF:	1140
Synonyms:	bA350J20.1; p42
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]).