

Recombinant Human NUP50 protein, His-tagged

Cat. No. NUP50-3626H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUP50 protein(141-440 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	141-440 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	DWIVKHAVNTNPLCDLTPIFKDYEKYLANIEQQHGNSESESNKVAETQSPSLF GSTKLQQUESTFLFHGNKTEDTPDKKMEVASEKKTDPSSLGATSASFNFGKKVDSSV LGSLSSVPLTGFSFSPGNSSLFGKDTTQSKPVSSPFPTKPLEGQAEGDSGECKGGD EEENDEPPKVVVTEVKEEDAFYSKKCKLFYKKDNEFKEKGIGTLHLKPTANQKTQLL VRADTNLGNILLNVLIPPMPCTRTGKNNVLIVCVPNPPIDEKNATMPVTMLIRVKTSE DADELHKILLEKKDA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

[NUP50 nucleoporin 50kDa \[Homo sapiens \]](#)

Official Symbol

[NUP50](#)

Synonyms

NUP50; nucleoporin 50kDa; NPAP60L, nucleoporin 50kD; nuclear pore complex protein Nup50; nucleoporin Nup50; 50 kDa nucleoporin; nuclear pore-associated protein 60L; NPAP60; NPAP60L; MGC39961;

Gene ID

[10762](#)

mRNA Refseq

[NM_007172](#)

Protein Refseq

[NP_009103](#)

MIM

[604646](#)

UniProt ID

[Q9UKX7](#)

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