

Recombinant Full Length Human NUP37 Protein, C-Flag-tagged

Cat. No. NUP37-2045HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NUP37 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Nuclear pore complexes (NPCs) are used for transporting macromolecules between the cytoplasm and the nucleus. NPCs consist of multiple copies of 30 distinct proteins (nucleoporins), which assemble into biochemically-separable subcomplexes. The protein encoded by this gene is part of a subcomplex (Nup107-160) that is required for proper NPC function as well as for normal kinetochore-microtubule interaction and mitosis.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	36.5 kDa
AA Sequence	MKQDASRNAAYTVDCEDYVHVVEFNPFENGDSGNLIAYGGNNYVVGTCCTFQEEEA DVEGIQYKTLRTFH HGVRVDGIAWSPETRLDSLPPVIKFACTSAADMKIRLFTSDLQD KNEYKVLEGHTDFINGLVFDPKEGQEI ASVSDDHTCRIWNLEGVQTAHFVLHSPGM SVCWHPEETFKLMAEKNGTIRFYDLLAQQAISLESEQVP LMSAHWCLKNTFKVG AVAGNDWLIWDITRSSYPQNKRPVHMDRACLFRWSTISENLFATTGYPGKMASQF QIHHLGHPQPILMGSAVGSGLSWHRTLPLCVIGGDHKLLFWVTEV TRTRPLEQKLI

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	NUP37 nucleoporin 37 [Homo sapiens (human)]
Official Symbol	NUP37
Synonyms	p37; MCPH24
Gene ID	79023
mRNA Refseq	NM_024057.4
Protein Refseq	NP_076962.2
MIM	609264

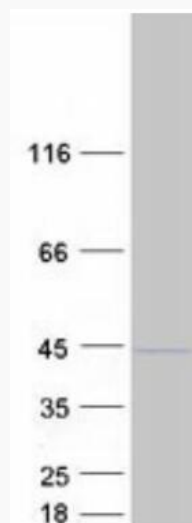
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UniProt ID

Q8NFH4



Coomassie blue staining of purified NUP37 protein.

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