Recombinant Human NUP37 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NUP37-2021H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NUP37 MS Standard C13 and N15-labeled recombinant protein (NP_076962) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	36.7 kDa
AA Sequence	MKQDASRNAAYTVDCEDYVHVVEFNPFENGDSGNLIAYGGNNYVVIGTCTFQEEEA DVEGIQYKTLRTFHHGVRVDGIAWSPETRLDSLPPVIKFCTSAADMKIRLFTSDLQDK NEYKVLEGHTDFINGLVFDPKEGQEIASVSDDHTCRIWNLEGVQTAHFVLHSPGMSV CWHPEETFKLMVAEKNGTIRFYDLLAQQAILSLESEQVPLMSAHWCLKNTFKVGAVA GNDWLIWDITRSSYPQNKRPVHMDRACLFRWSTISENLFATTGYPGKMASQFQIHH LGHPQPILMGSVAVGSGLSWHRTLPLCVIGGDHKLLFWVTEVTRTRPLEQKLISEED LAANDILDYKDDDDKV

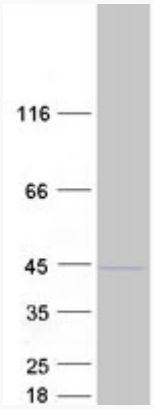
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration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

GENE INFORMATION

Gene Name	NUP37 nucleoporin 37kDa [Homo sapiens (human)]
Official Symbol	NUP37
Synonyms	NUP37; nucleoporin 37kDa; nucleoporin Nup37; FLJ22618; MGC5585; nup107-160 subcomplex subunit Nup37; p37;
Gene ID	79023
mRNA Refseq	NM_024057
Protein Refseq	NP_076962
MIM	609264
UniProt ID	Q8NFH4

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SDS-PAGE	

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