

Product datasheet for **TP301720M**

NUP37 (NM_024057) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human nucleoporin 37kDa (NUP37), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC201720 protein sequence
Red=Cloning site **Green**=Tags(s)

MKQDASRNAAYTVDCEDYVHVVEFNPFENGDSGNLIAYGGNNYVWIGTCTFQEEEADVVEGIQYKTLRTFH
HGVRVDGIAWSPETRLDSLPPVIKFACTSAADMKIRLFTSDLQDKNEYKVLGHTDFINGLVFDPKEGQEI
ASVSDDHTRIWNLQGVQTAHFVLSHSPGMSVCWHPEETFKLMVAEKNGTIRFYDLLAQAILSESEQVP
LMSAHWCLKNTFKVGAVAGNDWLIWDITRSSYPQNKRPVHMDRACLFRWSTISENLFATTGYPGKMASQF
QIHHLGHPQPILMGSAVAVGSGLSWHRTLPLCVIGGDHKLFWTEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 36.5 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: [NP_076962](#)

Locus ID: 79023



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UniProt ID: [Q8NFH4](#)

RefSeq Size: 1228

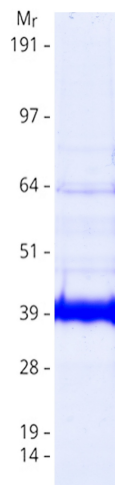
Cytogenetics: 12q23.2

RefSeq ORF: 978

Synonyms: MCPH24; p37

Summary: 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. [provided by RefSeq, Dec 2015]

Product images:



Coomassie blue staining of purified NUP37 protein (Cat# [TP301720]). The protein was produced from HEK293T cells transfected with NUP37 cDNA clone (Cat# [RC201720]) using MegaTran 2.0 (Cat# [TT210002]).