

Recombinant Human NUP58 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NUP58-5812H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NUPL1 MS Standard C13 and N15-labeled recombinant protein (NP_054808) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the nucleoporin family that shares 87% sequence identity with rat nucleoporin p58. The protein is localized to the nuclear rim and is a component of the nuclear pore complex (NPC). All molecules entering or leaving the nucleus either diffuse through or are actively transported by the NPC. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Molecular Mass	60.9 kDa
AA Sequence	MSTGFSFGSGTLGSTTVAAGGTSTGGVFSFGTGASSNPSVGLNFGNLGSTSTPATT SAPSSGFGTGLFGSKPATGFTLGGTNTGIATTITTGLTLGTPATTTAATTGFSLGFNK PAASATPFALPITSTSASGLTLSSALTSTPAASTGFTLNNLGGTTATTTTASTGLSLGG ALAGLGGSLFQSTNTGTSGLGQNALGLTLGTTAATSTAGNEGLGGIDFSSSSDKKS DKTGTRPEDSKALKDENLPPVICQDVENLQKFVKEQKQVQEEISRMSKAMLKVQE DIKALKQLLSLAANGIQRNTLNIDKLKIETAQELKNAEIALRTQKTPPGLQHEYAAPAD YFRILVQQFEVQLQQYRQQIEELENHLATQANNSHITPQDLSMAMQKIYQTFVALAA QLQSIHENVKVLKEQYLG YRKMFLGDAVDVFETRRAEAKKWQNTPRVTTGTPPFST

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MPNAAAVAMAATLTQQQQPATGPQPSLGVSFGTFFGSGIGTGLQSSGLGSSNLGG
FGTSSGFGCSTTGASTFGFGTTNKPSGSLSAGFGSSSTSGFNFSNPGITASAGLTF
GVSNPASAGFGTGGQLLQLKKPPAGNKRGRTRTRPLEQKLISEEDLAANDILDYKD
DDDKV

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 NUP58 nucleoporin 58 [Homo sapiens (human)]

Official Symbol NUP58

Synonyms NUP58; nucleoporin 58; NUP45; NUPL1; PRO2463; nucleoporin p58/p45; 58 kDa nucleoporin; nucleoporin 58kDa; nucleoporin like 1; nucleoporin-like protein 1

Gene ID 9818

mRNA Refseq NM_014089

Protein Refseq NP_054808

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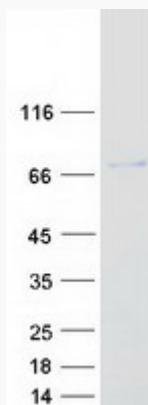
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MIM 607615

UniProt ID Q9BVL2

SDS-PAGE



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