

Recombinant Full Length Human NUP58 Protein, C-Flag-tagged

Cat. No. NUP58-1589HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NUP58 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	60.7 kDa
AA Sequence	MSTGFSFGSGTLGSTTVAAGGTSTGGVFSFGTGASSNPSVGLNFGNLGSTSTPATT SAPSSGFGTGLFGS KPATGFTLGGTNTGIATTITTGLTLGTPATTSAATTGFSLGFNK PAASATPFALPITSTSASGLTLSSAL TSTPAASTGFTLNNLGGTTATTTTASTGLSLG GALAGLGGSLFQSTNTGTSGLGQNALGLTLGTTAATST AGNEGLGGIDFSSSSDKK SDKTGTRPEDSKALKDENLPPVICQDVENLQKFVKEQKQVQEEISRMSSKAM LKVQ EDIKALKQLLSLAANGIQRNTLNIDKLKIETAQELKNAEIALRTQKTPPGLQHEYAAPA DYFRILV QQFEVQLQQYRQQIEELENHLATQANNSHITPQDLSMAMQKIYQTFVALA

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AQLQSIHENVKVLKEQYLG Y RKMFLGDAVDVFETRRAEAKKWQNTPRVTTGPTPF
 STMPNAAAVAMAATLTQQQPATGPQPSLGVSFGT PFGSGIGTGLQSSGLGSSNL
 GGFGTSSGFGCSTTGASTFGFGTTNKPSGSL SAGFGSSSTSGFNFSNPGI
 TASAGLTFGVSNPASAGFGTGGQLQLKKPPAGNKRGRTRTRPLEQKLISEEDLA
 ANDILDYKDDDDKV

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	NUP58 nucleoporin 58 [Homo sapiens (human)]
Official Symbol	NUP58
Synonyms	NUP45; NUPL1; PRO2463
Gene ID	9818
mRNA Refseq	NM_014089.4

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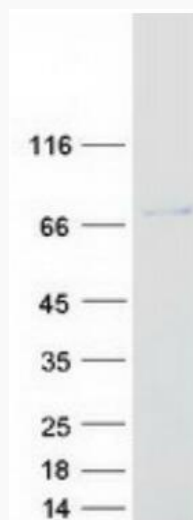
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Protein Refseq [NP_054808.1](#)

MIM [607615](#)

UniProt ID [Q9BVL2](#)



Coomassie blue staining of purified NUP58 protein.

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