



Recombinant Human Nucleoporin p58/p45 (NUPL1)

Product Code	CSB-MP887135HU
Abbreviation	NUPL1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9BVL2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSTGFSFGSG TLGSTTVAAG GTSTGGVFSF GTGASSNPSV GLNFGNLGST STPATTAPS SGFGTGLFGS KPATGFTLGG TNTGIATTIT TGLTLGTPAT TSAATTGFSL GFNKPAASAT PFALPITSTS ASGLTLSSAL TSTPAASTGF TLNNLGGTTA TTTTASTGLS LGGALAGLGG SLFQSTNTGT SGLGQNALGL TLGTTAATST AGNEGLGGID FSSSSDKKSD KTGTRPEDSK ALKDENLPPV ICQDVENLQK FVKEQKQVQE EISRMSSKAM LKVQEDIKAL KQLLSLAANG IQRNTLNIDK LKIETAQELK NAEIALRTQK TPPGLQHEYA APADYFRILV QQFEVQLQQY RQQIELENH LATQANNSHI TPQDLSMAMQ KIYQTFVALA AQLQSIHENV KVLKEQYLYG RKMFLGDAVD VFETRRAEAK KWQNTPRVTT GPTPFSTMPN AAAVAMAATL TQQQQPATGP QPSLGVSFSGT PFGSGIGTGL QSSGLGSSNL GGFGTSSGFG CSTTGASTFG FGTTNKPSGS LSAGFGSSST SGFNFSNPGI TASAGLTFGV SNPASAGFGT GGQLLQLKKP PAGNKRGR
Source	Mammalian cell
Target Names	NUP58
Protein Names	Recommended name: Nucleoporin p58/p45 Alternative name(s): Nucleoporin-like protein 1
Expression Region	1-599
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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