



Recombinant Human Nucleoporin p54 (NUP54)

Product Code	CSB-YP800098HU
Abbreviation	NUP54
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.	Q7Z3B4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAFNFGAPSG TSGTAAATAA PAGGFGGFGT TSTTAGSAFS FSAPTNTGTT GLFGGTQNKG FGFGTGFGTT TGTSTGLGTG LGTGLGFGGF NTQQQQQTTL GGLFSQPTQA PTQSNQLINT ASALSAPTLT GDERDAILAK WNQLQAFWGT GKGYFNNNIP PVEFTQENPF CRFKAVGYSC MPSNKDEDGL VLVFNKKET EIRSQQQLV ESLHKVLGGN QTLTVNVEGT KTLPDDQTEV VIYVVERSPN GTSRRVPATT LYAHFEQANI KTQLQQLGVT LSMTRTELSP AQIKQLLQNP PAGVDPIIWE QAKVDNPDSE KLIPVPMVGF KELLRRLKVQ DQMTKQHQTR LDIISEDISE LQKNQTTVA KIAQYKRKLM DLSHRTLQVL IKQEIQRKSG YAIQADEEQL RVQLDTIQGE LNAPTQFKGR LNELMSQIRM QNHFGAVRSE ERYYIDADLL REIKQHLLKQQ QEGLSHLISI IKDDLEDIKL VEHGLNETIH IRGGVFS
Source	Yeast
Target Names	NUP54
Protein Names	Recommended name: Nucleoporin p54 Alternative name(s): 54 kDa nucleoporin
Expression Region	1-507
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	The nuclear envelope creates distinct nuclear and cytoplasmic compartments in eukaryotic cells. It consists of two concentric membranes perforated by nuclear pores, large protein complexes that form aqueous channels to regulate the flow of macromolecules between the nucleus and the cytoplasm. These complexes are composed of at least 100 different polypeptide subunits, many of which belong to the nucleoporin family. This gene encodes a member of the phe-gly (FG) repeat-containing nucleoporin subset.
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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