



# Recombinant Human Nucleoporin p54 (NUP54)

<b>Product Code</b>	CSB-EP800098HU-B
<b>Abbreviation</b>	NUP54
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q7Z3B4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAFNFGAPSG TSGTAAATAA PAGGFGGFGT TSTTAGSAFS FSAPTNTGTT GLFGGTQNK G FGFGTGFGTT TGTSTGLGTG LGTGLGFGGF NTQQQQQTTL GGLFSQPTQA PTQSNQLINT ASALSAP TLL GDERDAILAK WNQLQAFWGT GKGYFNNNIP PVEFTQENPF CRFKAVGYSC MPSNKDEDGL VLVFNK KET EIRSQQQLV ESLHKVLGGN QTLTVNVEGT KTLPDDQTEV VIYVVERSPN GTSRRVPATT LYAHFEQANI KTQLQQLGVT LSMTRTELSP AQIKQLLQNP PAGVDPIIWE QAKVDNP DSE KLIPVPMVGF KELLRRLKVQ DQMTKQHQTR LDIISEDISE LQKNQTTSVA KIAQYKRKLM DLSHRTLQVL IKQEIQRKSG YAIQADEEQL RVQLDTIQGE LNAPTQFKGR LNELMSQIRM QNHFGAVRSE ERYYIDADLL REIKQH LKQQ QEGLSHLISI IKDDLEDIKL VEHGLNETIH IRGGVFS
<b>Source</b>	E.coli
<b>Target Names</b>	NUP54
<b>Protein Names</b>	Recommended name: Nucleoporin p54 Alternative name(s): 54 kDa nucleoporin
<b>Expression Region</b>	1-507
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.

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**Shelf Life**

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