



# Recombinant Human Nucleoporin GLE1 (GLE1)

<b>Product Code</b>	CSB-EP700651HU
<b>Abbreviation</b>	GLE1
<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>	Q53GS7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPSEGRCWET LKALRSSDKG RLCYYRDWLL RREDVLEECM SLPKLSSYSYSG WVVEHVLPHM QENQPLSETS PSSTSASALD QPSFVPKSPD ASSAFSPASP ATPNGTKGKD ESQHTESMVL QSSRGIKVEG CVRMYELVHR MKGTEGLRLW QEEQERKVQA LSEMASEQLK RFDEWKELKQ HKEFQDLREV MEKSSREALG HQEKLKAEHR HRAKILNLKL REAEQQRVKQ AEQERLRKEE GQIRLRALYA LQEEMLQLSQ QLDASEQHKA LLKVDLAAFQ TRGNQLCSLI SGIIRASSES SYPTAESQAE AERALREMRD LLMNLGQEIT RACEDKRRQD EEEAQVKLQE AQMQQGPEAH KEPPAPSQGP GGKQNEQLQV KVQDITMQWY QQLQDASMQC VLTFFGLTNS KDSQAKKIKM DLQKAATIPV SQISTIAGSK LKEIFDKIHS LLSGKPVQSG GRSVSVTLNP QGLDFVQYKL AEKFKVQGEE EVASHHEAAF PIAVVASGIW ELHPRVGDLI LAHLHKKCPY SVPFYPTFKE GMALEDYQRM LGYQVKDSKV EQQDNFLKRM SGMIRLYAAI IQLRWPYGNR QEIHPhGLNH GWRWLAQILN MEPLSDVTAT LFFDFLEVCG NALMKQYQVQ FWKMLILIKE DYFPRIEAIT SSGQMGFSFIR LKQFLEKCLQ HKDIPVPGKF LTSSFWRS
<b>Source</b>	E.coli
<b>Target Names</b>	GLE1
<b>Protein Names</b>	Recommended name: Nucleoporin GLE1 Short name= hGLE1 Alternative name(s): GLE1-like protein
<b>Expression Region</b>	1-698
<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>	This gene encodes a predicted 75-kDa polypeptide with high sequence and structure homology to yeast Gle1p, which is nuclear protein with a leucine-rich nuclear export sequence essential for poly(A)+RNA export. Inhibition of human GLE1L by microinjection of antibodies against GLE1L in HeLa cells resulted in inhibition of poly(A)+RNA export. Immunofluorescence studies show that GLE1L



is localized at the nuclear pore complexes. This localization suggests that GLE1L may act at a terminal step in the export of mature RNA messages to the cytoplasm. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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**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.

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**Shelf Life**

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