



Recombinant Human Nucleoporin GLE1 (GLE1)

Product Code	CSB-BP700651HU
Abbreviation	GLE1
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.	Q53GS7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MPSEGRCWET LKALRSSDKG RLCYYRDWLL RREDVLEECM SLPKLSSYSY WVVEHVLPHM QENQPLSETS PSSTSASALD QPSFVPKSPD ASSAFSPASP ATPNGTKGKD ESQHTESMVL QSSRGIKVEG CVRMYELVHR MKGTEGLRLW QEEQERKVQA LSEMASEQLK RFDEWKELKQ HKEFQDLREV MEKSSREALG HQEKLKAEHR HRAKILNLKL REAEQQRVKQ AEQERLRKEE GQIRLRALYA LQEEMQLQSQ 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 SSGQMGSFIR LKQFLEKCLQ HKDIPVPGKF LTSSFWRS
Source	Baculovirus
Target Names	GLE1
Protein Names	Recommended name: Nucleoporin GLE1 Short name= hGLE1 Alternative name(s): GLE1-like protein
Expression Region	1-698
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 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.

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

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.