



Recombinant Human Lengsin (LGSN)

Product Code	CSB-EP729216HU-B
Abbreviation	LGSN
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.	Q5TDP6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MNNEEDLLQE DSTRDEGNET EANSMTLRR TRKKVTKPYV CSTEVGGETDM SNSNDCMRDS SQILTPPQLS SRMKHIRQAM AKNRLQFVRF EATDLHGVS SKTIPAHFFQ EKVSHGVCMP RGYLEVIPNP KDNEMNNIRA TCFNSDIVLM PELSTFRVLP WADRTRVIC DTFTVTGEPL LTSPRYIAKR QLSHLQASGF SLLSAFIYDF CIFGVPEILN SKIISFPALT FLNNHDQPFM QELVDGLYHT GANVESFSSS TRPGQMEISF LPEFGISSAD NAFTLRTGVK EVARKYNYIA SFFIETGFCD SGILSHSLWD VDRKKNMFCS TSGTEQLTIT GKKWLAGLLK HSAALSCLMA PSVSCRKRY S KDRKDLKKS SV PTTWGYNDNS CIFNIKCHGE KGTRIEKLG SATANPYLVL AATVAAGLDG LHSSNEVLG PDESTDFYQV EPSEIPLKLE DALVALEEDQ CLRQALGETF IRYFVAMKKY ELENEEIAAE RNKFLEYFI
Source	E.coli
Target Names	LGSN
Protein Names	Recommended name: Lengsin Alternative name(s): Glutamate-ammonia ligase domain-containing protein 1 Lens glutamine synthase-like
Expression Region	1-509
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 protein with similarity to the GS I members of the glutamine synthetase superfamily. The encoded protein is referred to as a pseudo-glutamine synthetase because it has no glutamine synthesis activity and may function as a chaperone protein. This protein is localized to the lens and may be associated with cataract disease. Alternative splicing results in multiple transcript variants.
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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