Recombinant Human LIM/homeobox protein Lhx1 (LHX1)

Product Code	CSB-EP012919HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48742
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MVHCAGCKRP ILDRFLLNVL DRAWHVKCVQ CCECKCNLTE KCFSREGKLY CKNDFFRCFG TKCAGCAQGI SPSDLVRRAR SKVFHLNCFT CMMCNKQLST GEELYIIDEN KFVCKEDYLS NSSVAKENSL HSATTGSDPS LSPDSQDPSQ DDAKDSESAN VSDKEAGSNE NDDQNLGAKR RGPRTTIKAK QLETLKAAFA ATPKPTRHIR EQLAQETGLN MRVIQVWFQN RRSKERRMKQ LSALGARRHA FFRSPRRMRP LVDRLEPGEL IPNGPFSFYG DYQSEYYGPG GNYDFFPQGP PSSQAQTPVD LPFVPSSGPS GTPLGGLEHP LPGHHPSSEA QRFTDILAHP PGDSPSPEPS LPGPLHSMSA EVFGPSPPFS SLSVNGGASY GNHLSHPPEM NEAAVW
Source	E.coli
Target Names	LHX1
Protein Names	Recommended name: LIM/homeobox protein Lhx1 Short name= LIM homeobox protein 1 Alternative name(s): Homeobox protein Lim-1 Short name= hLim-1
Expression Region	1-406
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 member of a large protein family which contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator and be involved in control of differentiation and development of neural and lymphoid cells. A similar protein in mice is an essential regulator of the vertebrate head organizer.
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.