



Recombinant Human LIM/homeobox protein Lhx2 (LHX2)

Product Code	CSB-EP012920HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P50458
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MLFHSLSGPE VHGVIDEMDR RAKSEAPAI SAI DRGDTET TMPSISSDRA ALCAGCGGKI SDRYYLLAVD KQWHMRCLKC CECKLNLESE LTCFSKDGSI YCKEDYYRRF SVQRCARCHL GISASEMVMR ARDLVYHLNC FTCTTCNKML TTGDHFGMKD SLVYCRHFHFE ALLQGEYPAH FNHADVAAAA AAAAAAKSAG LGAAGANPLG LPYYNGVGT V QKGRPRKRKS PGPGADLAAY NAALSCNEND AEHLDRDQPY PSSQKTKRMR TSFKHHQLRT MKSYFAINHN PDAKDLKQLA QKTGLTKRVL QVWFQNARAK FRRNLLRQEN TGVDKSTDAALQTGTPSGPA SELSNASLSP SSTPTTLTDL TSPTLPTVTS VLTSVPGNLE GHEPHSPSQT TLTNLF
Source	E.coli
Target Names	LHX2
Protein Names	Recommended name: LIM/homeobox protein Lhx2 Short name= Homeobox protein LH-2 Short name= LIM homeobox protein 2
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 protein belonging to a large protein family, members of which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator. The protein can recapitulate or rescue phenotypes in Drosophila caused by a related protein, suggesting conservation of function during evolution.
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.