



# Recombinant Human LIM/homeobox protein Lhx3 (LHX3)

<b>Product Code</b>	CSB-EP871386HU-B
<b>Abbreviation</b>	LHX3
<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>	Q9UBR4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLLETGLERD RARPGAAVC TLGGTREIPL CAGCDQHILD RFILKALDRH WHSKCLKCSD CHTPLAERCF SRGESVYCKD DFFKRFGTKC AACQLGIPPT QVVRRAQDFV YHLHCFACVV CKRQLATGDE FYLMEDSRLV CKADYETAKQ REAEATAKRP RTTITAKQLE TLKSAYNTSP KPARHVREQL SSETGLDMRV VQVWFQNRRA KEKRLKKDAG RQRWGQYFRN MKRSRGGGSKS DKDSVQEGQD SDAEVSFPDE PSLAEMGPAN GLYGSLGEPT QALGRPSGAL GNFSLEHGGL AGPEQYREL R PGSPYGVPPS PAAPQSLPGP QPLLSSLVYP DTSLGLVPSG APGGPPPMRV LAGNGPSSDL STGSSGGYPD FPASPASWLD EVDHAQF
<b>Source</b>	E.coli
<b>Target Names</b>	LHX3
<b>Protein Names</b>	Recommended name: LIM/homeobox protein Lhx3 Short name= LIM homeobox protein 3
<b>Expression Region</b>	1-397
<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 member a large protein family which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor that is required for pituitary development and motor neuron specification. Mutations in this gene have been associated with a syndrome of combined pituitary hormone deficiency and rigid cervical spine. Two transcripts variants encoding distinct isoforms have been identified for this gene.
<b>Reconstitution</b>	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.