



Recombinant Human Transcription factor LBX1 (LBX1)

Product Code	CSB-YP012777HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P52954
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MTSKEDGKAA PGEERRRSPL DHLPPPANSN KPLTPFSIED ILNKPSVRRS YSLCGAAHLL AAADKHAQGG LPLAGRALLS QTSPLEALEE LASKTFKGL VSVLQAAEGR DGMTIFGQRQ TPKKRRKSRT AFTNHQIYEL EKRFLYQKYL SPADRDQIAQ QLGLTNAQVI TWFQNRRAKL KRDLEEMKAD VESAKKLGPS GQMDIVALAE LEQNSEATAG GGGGCGRAKS RPGSPVLPPG APKAPGAGAL QLSPASPLTD QPASSQDCSE DEEDEEIDVD D
Source	Yeast
Target Names	LBX1
Protein Names	Recommended name: Transcription factor LBX1 Alternative name(s): Ladybird homeobox protein homolog 1
Expression Region	1-281
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 and the orthologous mouse gene were found by their homology to the Drosophila lady bird early and late homeobox genes. In the mouse, this gene is a key regulator of muscle precursor cell migration and is required for the acquisition of dorsal identities of forelimb muscles.
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.