

Recombinant Human LBX1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LBX1-3351H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LBX1 MS Standard C13 and N15-labeled recombinant protein (NP_006553) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	30 kDa
AA Sequence	MTSKEDGKAAPGEERRRSPLDHLPPPANSNKPLTPFSIEDILNKPSVRRSYSLCGAA HLLAAADKHAQGGLPLAGRALLSQTSPLEELASKTFKGLEVSVLQAAEGRDGM TIFGQRQTPKKRRKSRTAFTNHQIYELEKRFQYLYQKYLSPADRDQIAQQLGLTNAQVIT WFQNRRAKLKRDLEEMKADVESAKKLGPSGQMDIVALAELEQNSEATAGGGGGCG RAKSRPGSPVLPPGAPKAPGAGALQLSPASPLTDQPASSQDCSEDEEDEEIDVDDT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [LBX1 ladybird homeobox 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [LBX1](#)

Synonyms LBX1; ladybird homeobox 1; ladybird homeobox homolog 1 (Drosophila); transcription factor LBX1; HPX6; LBX1H; lady bird-like homeobox; ladybird homeobox homolog 1; ladybird homeobox protein homolog 1; transcription factor similar to D. melanogaster homeodomain protein lady bird late; HPX-6; homeobox;

Gene ID [10660](#)

mRNA Refseq [NM_006562](#)

Protein Refseq [NP_006553](#)

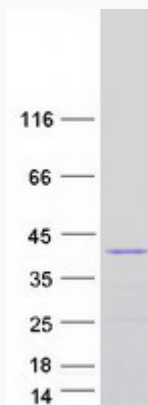
MIM [604255](#)

UniProt ID [P52954](#)

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SDS-PAGE

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