

Product datasheet for TP318048M

OriGene Technologies, Inc.

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LBX1 (NM 006562) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ladybird homeobox 1 (LBX1), 100 μg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC218048 representing NM_006562 or AA Sequence: Red=Cloning site Green=Tags(s)

MTSKEDGKAAPGEERRRSPLDHLPPPANSNKPLTPFSIEDILNKPSVRRSYSLCGAAHLLAAADKHAQGG LPLAGRALLSQTSPLCALEELASKTFKGLEVSVLQAAEGRDGMTIFGQRQTPKKRRKSRTAFTNHQIYEL EKRFLYQKYLSPADRDQIAQQLGLTNAQVITWFQNRRAKLKRDLEEMKADVESAKKLGPSGQMDIVALAE LEQNSEATAGGGGGCGRAKSRPGSPVLPPGAPKAPGAGALQLSPASPLTDQPASSQDCSEDEEDEEIDVD

D

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 30 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 006553

Locus ID: 10660





UniProt ID: P52954 1287 RefSeq Size:

Cytogenetics: 10q24.32

RefSeq ORF: 843

Synonyms: homeobox; HPX-6; HPX6; LBX1H

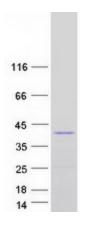
Summary: This gene and the orthologous mouse gene were found by their homology to the Drosophila

> 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. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified LBX1 protein (Cat# [TP318048]). The protein was produced from HEK293T cells transfected with LBX1 cDNA clone (Cat# [RC218048]) using MegaTran 2.0

(Cat# [TT210002]).