

Recombinant Human limb bud and heart development, His-tagged

Cat. No. LBH-290H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LBH, 1-105aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-105 a.a.
Description	LBH belongs to the LBH family and is highly expressed in heart, and expressed at low levels in placenta, lung, skeletal muscle, kidney and liver. This protein is a transcriptional activator which may act in mitogen-activated protein kinase signaling pathway. Recombinant human LBH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl(pH 8.0) containing 20% glycerol, 0.15M NaCl, 1mM DTT
Molecular Mass	14.6 kDa (128aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMsIYFPI HCPDYLRSAK MTEVMMNTQP MEEIGLSPRK DGLSYQIFPD PSDFDRCKL KDRLPSIVVE PTEGEVESGE LRWPPEEFLV QEDEQDNCEE TAKENKEQ
Purity	>90% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
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Concentration	0.25mg/ml (determined by Bradford assay)
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GENE INFORMATION

Gene Name	LBH?limb bud and heart development [?Homo sapiens?(human)]
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Official Symbol	LBH
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Synonyms	LBH; limb bud and heart development; protein LBH; hLBH; limb bud and heart development homolog
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Gene ID	81606
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mRNA Refseq	NM_030915
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Protein Refseq	NP_112177
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MIM	611763
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UniProt ID	Q53QV2
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Chromosome Location	2p23.1
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