

**LBH, 1-105aa, Human, His tag, E.coli**

**Cat.NO.: TP02785**

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3th Edition

**Synonyms:**Protein LBH, Limb bud and heart development

**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 Weight:**14.6 kDa (128aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGMSIYFPIHCPDYLRSAKMTEVMMNTQPMEEIGLSPRKDGLSYQIFDPDPSDFD  
RCCKLKDRLPSIVVEPTEGEVESGELRWPPEEFLVQEDEQDNCEETAKENKEQ

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.