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AR51196PU-S Human LBH (1-105, His-tag) - Purified

Alternate names: Limb bud and heart development

Quantity: 20 μg

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

Background: 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.

Uniprot ID: O53QV2

NCBI: NP_112177

GeneID: 81606

Species: Human

Source: E. coli

Format: State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl(pH 8.0) containing 20% glycerol, 0.15M NaCl, 1mM DTT

Description: Recombinant human LBH protein, fused to His-tag at N-terminus, was expressed in

E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMSIYFPI HCPDYLRSAK MTEVMMNTQP MEEIGLSPRK DGLSYQIFPD PSDFDRCCKL KDRLPSIVVE PTEGEVESGE LRWPPEEFLV QEDEQDNCEE

TAKENKEQ

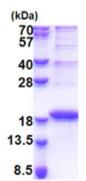
Molecular weight: 14.6 kDa (128aa) confirmed by MALDI-TOF

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: Ai J., Wang Y., et al. (2008) Mol. Biol. Rep. 35:179-187

Pictures:



15% SDS-PAGE (3ug)