
Product Data Sheet

Product Name: LBH Human
 Cat. No.: GP23802
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein LBH; hLBH; Limb Bud And Heart Development Homolog.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSIYFPI HCPDYLRSAK MTEVMMNTQP MEEIGLSPRK DGLSYQIFPDPSDFDRCKL KDRLPSIVVE PTEGEVESGE LRWPPEEFLV QEDEQDNCEE TAKENKEQ		
Formulation	LBH protein solution (0.25mg/ml) containing 20mM Tris-HCl(pH 8.0), 20% glycerol, 0.15M NaCl and 1mM DTT.		

Introduction

Limb Bud And Heart Development, (LBH) belongs to the LBH family. LBH is highly expressed in the heart, and expressed at low levels in placenta, lung, skeletal muscle, kidney and liver. In addition, LBH protein is a transcriptional activator which may act in mitogen-activated protein kinase signaling pathway. Among the diseases associated with LBH are celiac disease, and rheumatoid arthritis.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

LBH Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 128 amino acids (1-105 a.a) and having a molecular mass of 14.6kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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