
Product Data Sheet

Product Name: MAGOHB Human
 Cat. No.: GP23875
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	mago-nashi homolog B (Drosophila); mago; magoh; MGN2; MAGOHB; MAGOH2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMASDF YLRYVGHKG KFGHEFLEFE FRPDGKLRYA NNSNYKNDVM IRKEAYVHKS VMEELKRIID DSEITKEDDA LWPPPDRVGR QELEIVIGDE HISFTTSKIG SLIDVNQSKD PEGLRVFYLL VQDLKCLVFS LIGLHFKIKP I.		
Formulation	MAGOHB protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 1mM DTT, 30% glycerol and 0.15M NaCl.		

Introduction

Mago-Nashi Homolog B (MAGOHB) is a member of the mago nashi family. MAGOHB involved in mRNA splicing and in the nonsense-mediated decay (NMD) pathway. MAGOHB interacts with RBM8A and is a part of the exon junction complex (EJC) containing NCBP1, NCBP2, RNPS1, RBM8A, SRRM1, NXF1, UPF3B, UPF2 and ALYREF/THOC4.

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

MAGOHB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 171 amino acids (1-148 a.a.) and having a molecular mass of 19.7kDa. MAGOHB is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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