
Product Data Sheet

Product Name: MAGOH Human
 Cat. No.: GP23874
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MAGOH1; MAGOHA; Protein mago nashi homolog; MAGOH; proliferation-associated (Drosophila).		
Amino Acid Sequence	MESDFYLRYV VGHKGKFGHE FLEFEFRPDG KLRYANNSNY KNDVMIRKEA YVHKSVMEEL KRIIDDSEIT KEDDALWPPP DRVGRQELEI VIGDEHISFT TSKIGSLIDV NQSKDPEGLR VFYYLVQDLK CLVFSLIGLH FKIKPILEHH HHHH.		
Formulation	MAGOH Human solution containing 20mM Tris-HCl pH-8, 2mM DTT, 0.1M NaCl and 20% glycerol.		

Introduction

Drosophila that have mutations in their MAGOH gene produce progeny with defects in germlasm assembly and germline development. MAGOH, the human homolog of Drosophila mago nashi, is necessary for embryo development. In mammals, mRNA expression is not limited to the germ plasm, but is expressed ubiquitously in adult tissues and is induced by serum stimulation of quiescent fibroblast.

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

MAGOH Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 154 amino acids (1-146 a.a.) and having a molecular mass of 18.2 kDa. MAGOH protein is fused to a 8 amino acid His-Tag at C-terminus and purified by standard chromatography.

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

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