
Product Data Sheet

Product Name: LASP1 Human
 Cat. No.: GP23799
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	LIM and SH3 protein 1; MLN50; Lasp-1; Metastatic lymph node gene 50 protein.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGS HMNP NCA RCGKIVYPTE KVNCLDKFWH KACFHCETCK MTLNMKNYKG YEKKPYCNAH YPKQSFTMVA DTPENLRLKQ QSELQSQVRY KEEFEKNKGK GFSVVADTPE LQRIKKTQDQ ISNIKYHEEF EKSRMGPSGG EGMEPERRDS QDGSSYRRPL EQQPHHIPT SAPVYQQPQQ QPVAQSYGGY KEPAAPVSIQ RSAPGGGGKR YRAVDYDYSAA DEDEVSFQDG DTIVNVQQID DGWMYGTVER TGDTGMLPAN YVEAI		
Formulation	The LASP1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% glycerol.		

Introduction

LASP1 has a vital part in the regulation of dynamic actin-based, cytoskeletal activities. Agonist-dependent changes in LASP1 phosphorylation can additionally assist in regulation of actin-associated ion transport activities in the parietal cell and in several other F-actin-rich secretory epithelial cell types.

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

LASP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 285 amino acids (1-261) and having a molecular mass of 32.3kDa. LASP1 is fused to a 24 amino acid His-tag at N-terminus & purified by

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

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proprietary chromatographic techniques.

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