

## LASP1 Human

**Description:** 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 proprietary chromatographic techniques.

**Catalog #:** PRPS-1038

For research use only.

**Synonyms:** LIM and SH3 protein 1, MLN50, Lasp-1, Metastatic lymph node gene 50 protein.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSHMNPNC RCGKIVYPTE  
KVNCLDKFWH KACFHCETCK MTLNMKNYKG YEKKPYCNAH YPKQSFTMVA DTPENLRLKQ  
QSELQSQVRY KEEFEKNKGK GFSVVADTPE LQRIKKTQDQ ISNIKYHEEF EKSRMGPSGG  
EGMEPERRDS QDGSSYRRPL EQQQPHIPT SAPVYQQPQQ QPVAQSYGGY KEPAAPVSIQ  
RSAPGGGGKR YR

**Purity:** Greater than 80% as determined by SDS-PAGE.

**Formulation:**

The LASP1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% glycerol.

**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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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.

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