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LASP1 Human

Catalog #:PRPS-1038

For research use only.

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.

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 MGSHMNPNCA RCGKIVYPTE KVNCLDKFWH KACFHCETCK MTLNMKNYKG YEKKPYCNAH YPKQSFTMVA DTPENLRLKQ QSELQSQVRY KEEFEKNKGK GFSVVADTPE LQRIKKTQDQ ISNIKYHEEF EKSRMGPSGG EGMEPERRDS QDGSSYRRPL EQQQPHHIPT 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 drµgs, 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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