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Recombinant human LASP1 protein

Catalog Number: ATGP1386

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-261aa

UniProt No.
Q14847

NCBI Accession No.
NP_006139

Alternative Names
LIM and SH3 domain protein 1, Lasp-1, MLN50

PRODUCT SPECIFICATION

Molecular Weight
32.3 kDa (285aa) confirmed by MALDI-TOF

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1mM DTT

Purity
> 80% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
LASP1, also known as LIM and SH3 domain protein 1, plays an important role in the regulation of dynamic actin-based, cytoskeletal activities. Agonist-dependent changes in LASP1 phosphorylation may also serve to regulate actin-associated ion transport activities, not only in the parietal cell but also in certain other F-actin-rich secretory epithelial cell types. Recombinant human LASP1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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Amino acid Sequence

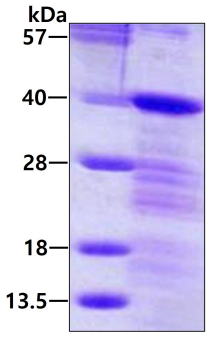
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General References

Tomasetto C., et al. (1995) FEBS Lett. 373:245-249
Choudhary C., et al. (2002) Science. 325:834-840

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.