

Product datasheet for AR50211PU-S

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LASP1 (1-261, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: LASP1 (1-261, His-tag) human recombinant protein, 10 μg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSHMNPNCA RCGKIVYPTE KVNCLDKFWH KACFHCETCK MTLNMKNYKG YEKKPYCNAH YPKQSFTMVA DTPENLRLKQ QSELQSQVRY KEEFEKNKGK

GFSVVADTPE LQRIKKTQDQ ISNIKYHEEF EKSRMGPSGG EGMEPERRDS QDGSSYRRPL EQQQPHHIPT SAPVYQQPQQ QPVAQSYGGY KEPAAPVSIQ RSAPGGGGKR YRAVYDYSAA

DEDEVSFQDG DTIVNVQQID DGWMYGTVER TGDTGMLPAN YVEAI

Tag: His-tag
Predicted MW: 32.3 kDa
Concentration: lot specific

Purity: >80% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1 mM DTT

Preparation: Liquid purified protein

Protein Description: Recombinant human LASP1 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: <u>NP 001258537</u>

Locus ID: 3927

UniProt ID: <u>Q14847</u>, <u>B4DIC4</u>

Cytogenetics: 17q12

Synonyms: Lasp-1; MLN50





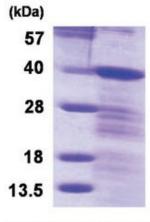
Summary:

This gene encodes a member of a subfamily of LIM proteins, characterized by a LIM motif and a domain of Src homology region 3, and also a member of the nebulin family of actin-binding proteins. The encoded protein is a cAMP and cGMP dependent signaling protein and binds to the actin cytoskeleton at extensions of the cell membrane. The encoded protein has been linked to metastatic breast cancer, hematopoetic tumors such as B-cell lymphomas, and colorectal cancer. [provided by RefSeq, Oct 2012]

Protein Families:

Druggable Genome

Product images:



15% SDS-PAGE (3ug)