

Gene Section

Short Communication

Lasp1 (LIM, actin binding and SH3 protein)

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Identity

Other names: MLN50

HGNC (Hugo): LASP1

Location: 17q12-21

Local order: From centromere to telomere are: TRAF4 (alias MLN62/CART1), Lasp1 (alias MLN50), c-erbB2, and MLN64.

DNA/RNA

Transcription

cDNA: 4 kb; coding sequence: 783 bp.

Protein

Description

261 amino acids; 29 kDa; contains a LIM (Lin-11, Isl-1 and Mec-3) domain at its N-terminal part and a SH3 (Src homology 3) domain at its C-terminal part; it also possesses two tandemly repeated actin binding modules.

Implicated in

Breast carcinomas

Note

17q11-q21 amplification is found in about 25% of primary breast carcinomas.

Prognosis

Poor clinical outcome; increase risk of relapse.

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