

Gene Section

Short Communication

STARD3 (START domain containing 3)

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Identity

Other names: MLN64; CAB1

HGNC (Hugo): STARD3

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: 2.1 kb; coding sequence: 1335 bp.

Protein

Description

445 amino acids; 50 kDa; contains four putative transmembrane domains at its N-terminal part; possesses a StAR Homology Domain at its C-terminal part.

Homology

With StAR (Steroidogenic Acute Regulatory protein).

Implicated in

Breast carcinomas

Disease

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

Prognosis

Poor clinical outcome; increase risk of relapse.

References

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