

Abstract

Title of the Invention: APTAMER FOR ADAMTS5 AND USE FOR APTAMER
FOR ADAMTS5

5

The present invention provides an aptamer containing a sequence shown by the following formula (1) or formula (2):

(1) GGGGCCUCC-N₁-GGACYAAACC

(2) GGGGCCUCC-N₁-GGACWYAAACC

10 wherein N₁ shows 3 to 24 bases in length, Y is C or U, and W is A or U (uracil is optionally thymine), wherein the aptamer binds to a disintegrin and metalloproteinase with thrombospondin motifs-5 (ADAMTS5).

15 Fig. 1