

TARGETING VEHICLES, COMPOSITIONS AND USES THEREOF

ABSTRACT

A targeting vehicles comprises an extracellular vesicle with a dopamine transporter antibody on a transmembrane protein of the extracellular vesicle, the extracellular vesicle is secreted by a cell transfected with a vector gene, and at least a portion of the vector gene comprises SEQ ID No: 1. The targeting vehicles provided in the present invention can be loaded with drugs and cross the blood-brain barrier to achieve specific binding to dopamine neuron, and regulate the secretion of Parkinson's disease marker proteins and delay the course of Parkinson's disease.

[Fig. 1]