Abstract

FUNCTIONS AND USES OF GPR39 GENE IN CENTRAL NERVOUS SYSTEM OF MAMMALS

The present invention provides mammalian GPR39 gene, its coded products, and the uses in regulating appetite and pain sensitivity. A pharmaceutical composition and a health product comprising GPR39 protein are also provided. The health product and the pharmaceutical composition for suppressing appetite or decreasing pain sensitivity comprise a safe and efficient amount of antagonists of mammalian GPR39 protein (for example, 0.01-99%) and a bromatologically or pharmaceutically acceptable carrier in a suitable amount (for example 1-99.99wt%).