

RNF213

[Ring finger protein 213](#) is a protein that in humans is encoded by the RNF213 gene.

RNF213 is a 591kDa cytosolic E3 Ubiquitin-ligase with RING finger and AAA+ ATPase domains.

A genome-wide association study identified RNF213 as the first gene associated to [Moyamoya disease](#).

Given that oxygen and glucose consumption scales with total neuron number, RNF213 may have played a role in facilitating the evolution of larger brains in primates.

Books

Moyamoya Disease Explored Through RNF213: Genetics, Molecular Pathology, and Clinical Sciences (Current Topics in Environmental Health and Preventive Medicine) Moyamoya Disease Explored Through RNF213: Genetics, Molecular Pathology, and Clinical Sciences (Current Topics in Environmental Health and Preventive Medicine)

List Price: \$159.00

This book presents the latest findings on biological, epidemiological, and clinical investigations of RNF213, which is thought to be involved in many biological processes and plays a key role in cerebro- and cardiovascular disease . By discussing the epidemiology and genetic epidemiology of the disease with a particular focus on the molecular function of RNF213, research using animal models, diagnosis, therapy and clinical management around the world, this work makes a valuable contribution to the study of the disease. Moyamoya Disease Explored Through RNF213 is an indispensable resource for both beginning and experienced researchers, pediatricians, neurologists, and neurosurgeons who are seeking comprehensive information on adult and childhood stroke.

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