Mouse: Matrix Gla (MGP) Expression

Technology #15-0125

Matrix Gla (MGP) is a potent mineralization inhibitor secreted by cartilage chondrocytes and arteries' vascular smooth muscle cells. Expression of Cre is under the control of the entire Mgp regulatory regions, and thus its expression represents a true Mgp-tissue specific expression. Mgp anticalcification/antistiffness gene in the eye is highly expressed in the glaucoma-associated tissues TM, ciliary muscle, and ppSC.

If you are an academic institution or nonprofit organization interested in this research tool for noncommercial purposes, please contact the researcher directly to inquire about availability.

Related Publications:

- A Novel Mgp-Cre Knock-In Mouse Reveals an Anticalcification/Antistiffness Candidate Gene in the Trabecular Meshwork and Peripapillary Scleral Region
Inventors
Terete Borras

For additional information, contact
Tangible Property

researchtools@unc.edu
919.966.3929