



Alpha-Smooth Muscle Actin Promoter Constructs

TECHNOLOGY NUMBER: 7136



INNOVATION

This technology includes collection of constructs that were been developed for the readout of transcriptional activation of the aSMA gene. These plasmids consist of either a human or rat-SMA (Acta2 gene) promoter fused to a luciferase reporter gene. These constucts can be used to find new transcription factors involved in the regulation of SMA gene expression. Their use in the appropriate stable reporter cell lines can provide the high-throughput system needed for screening drug targets related to fibrotic diseases and desmoplastic reactions in cancer.

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Category

Research Tools and Reagents
Life Sciences

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