

Transforming growth factor beta 1

Transforming growth factor beta 1 or TGF- β 1 is a [polypeptide](#) member of the [transforming growth factor beta](#) superfamily of [cytokines](#). It is a secreted protein that performs many cellular functions, including the control of cell growth, cell proliferation, cell differentiation, and apoptosis. In humans, TGF- β 1 is encoded by the TGFB1 gene.

Silencing of [FoxM1](#) could reverse TGF- β 1-induced invasion and epithelial-mesenchymal transition (EMT) of endometriotic epithelial cells (EECs) ¹⁾.

¹⁾

Zhang J, Xu Z, Dai H, Zhao J, Liu T, Zhang G. Silencing of Forkhead Box M1 Reverses Transforming Growth Factor- β 1-Induced Invasion and Epithelial-Mesenchymal Transition of Endometriotic Epithelial Cells. Gynecol Obstet Invest. 2019 Apr 30;1-10. doi: 10.1159/000499625. [Epub ahead of print] PubMed PMID: 31039568.

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