293 Cell Line for Flag-tagged HIMF (flag-HIMF-293)

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Technology description

Technical Details:
Hypoxia-induced mitogenic factor (HIMF) is highly up regulated in the lungs as a result of hypoxia-induced pulmonary hypertension, and has proangiogenic and proinflammatory effects in the lung. As a research tool for studying the function and activity of HIMF, JHU researchers have developed a transgenic HEK 293 cell line expresses a Flag-tagged HIMF. Expression of the Flag-tagged HIMF protein can be induced by tetracycline and most of the protein is secreted into the culture medium where it can be readily purified by column chromatography.

Application area

This cell line model provides an important research tool for studying the function and activity of HIMF.

Institution

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