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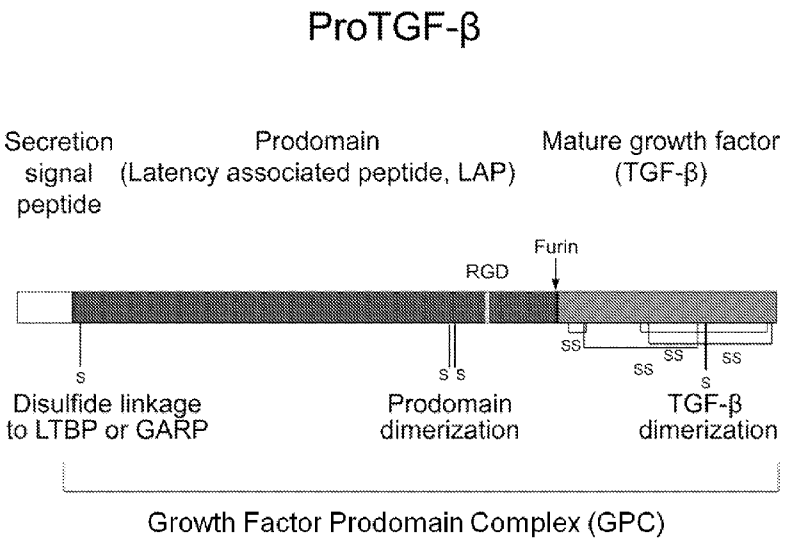
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[Continued on next page]

(54) **Title**: COMPOSITIONS AND METHODS FOR MODULATING CELL SIGNALING

FIGURE 1



(57) **Abstract**: The present invention provides growth factor-directed agents (GDAs), which act as either antagonists or agonists of cell signaling, particularly in the TGF-beta and related extracellular matrix signaling pathways. Such GDAs include monoclonal antibodies, fusion proteins and novel polypeptide compositions and/or conjugates of these compositions.

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