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## TGFB2 Propeptide Antibody Blocking Peptide

Catalog Number: bs-0099P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Transforming growth factor beta 3(TGF  $\beta$ 3) is one of three closely related mammalian members of the large TGF  $\beta$  superfamily, TGF- $\beta$ 1,  $\beta$ 2, and  $\beta$ 3, signal through the same receptor and elicit similar biological responses. The mammalian TGF- $\beta$ 3 controls a vast array of biological processes including immune regulation, cell proliferation, epithelial-mesenchymal transition, and the bone formation. It is generally recognized to facilitate chondrogenic differentiation of precursor cells. It may also have a dose-dependent inhibitory effect on osteogenesis. Recombinant Human TGF- $\beta$ 3 is a 25.0 kDa protein composed of two identical 112 amino acid polypeptide chains linked by a single disulfide bond.