

**Technology:** [Bone morphogenic protein binding peptide](#)

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**Inventor:** Samuel Murray

**Location:** Los Angeles, CA

**Topic:** Genomics

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**Abstract**

A cyclized peptide designated BMP Binding Peptide (BBP) is a synthetic peptide that avidly binds rhBMP-2. BBP increases the overall osteogenic activity of rhBMP-2, increases the rate at which rhBMP-2 induces bone formation, and BBP induces calcification alone. Compositions and substrates including BBP, and methods of using BBP are useful in therapeutic, diagnostic and clinical applications requiring calcification and osteogenesis.