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Recombinant Human Bone Morphogenetic Protein 2

National Cancer Institute

Source

National Cancer Institute. *Recombinant Human Bone Morphogenetic Protein 2*. NCI Thesaurus. Code C132249.

A recombinant form of human bone morphogenetic protein 2 (rhBMP-2), with potential bone remodeling and osteoinductive activities. Following administration, rhBMP-2 induces BMP-2 signaling cascades, which leads to osteoblast differentiation, enhancement of bone repair and formation, and improvement of re-vascularization. This promotes bone healing. BMP-2, a protein belonging to the transforming growth factor beta (TGFβ) superfamily of proteins, plays a key role in bone and cartilage formation.