

## Recombinant Human BMP2 Protein

<b>Cat. Number:</b>	<b>bs-0514P</b>
<b>Quantity size:</b>	100μg/500μg
<b>Host:</b>	<i>E.coli</i>
<b>Range:</b>	Human BMP2 283-396/396aa (N-6x His)
<b>Format:</b>	Liquid.
<b>Buffer:</b>	20mM Tris-HCl (pH8.0)
<b>Purity:</b>	≥95%(SDS-PAGE)
<b>MW:</b>	26kD
<b>Background:</b>	<p>BMP2 belongs to the transforming growth factor-beta (TGFB) superfamily of secreted growth factors. It is a disulfide-linked homodimer and induces bone and cartilage formation. In addition to its osteogenic activity, BMP2 plays an important role in cardiac morphogenesis and is expressed in a variety of tissues including lung, spleen, brain, liver, prostate ovary and small intestine. The functional form of BMP2 is a 26 kDa protein composed of two identical 114 amino acid polypeptide chains linked by a single disulfide bond. BMPs control fundamental events in early embryonic development, organogenesis and adult tissue homeostasis.</p>
<b>Storage:</b>	Store at -20°C (Avoid repeated freeze/thaw cycles).
<b>Important Note:</b>	This product as supplied is intended for research or further manufacturing use only