

**PRODUCT INFORMATION**

<b>Target</b>	BMP-2
<b>Synonyms</b>	Bone Morphogenetic Protein 2;BMP-2;Bone Morphogenetic Protein 2A;BMP-2A;BMP2;BMP2A
<b>Description</b>	Recombinant Human/Mouse/Rat Bone Morphogenetic Protein 2 is produced by our E.coli expression system and the target gene encoding Gln283-Arg396 is expressed.
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P12643
<b>Expression Host</b>	E.coli
<b>Tag</b>	
<b>Molecular Characterization</b>	Not available
<b>Molecular Weight</b>	13.3 KDa
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from a 0.2 $\mu$ m filtered solution of 10mM HAC-NH <sub>4</sub> Ac, 4% D-Mannitol, pH 4.0.
<b>Storage &amp; Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	Bone Morphogenetic Protein-2 (BMP-2) is one of the bone-growth regulatory factors that belong to the transforming growth factor-beta (TGF-beta) superfamily of proteins. BMPs are synthesized as large precursor molecules, which are cleaved by proteolytic enzymes. The active form of BMP-2 can consist of a dimer of two identical proteins or a heterodimer of two related bone morphogenetic proteins.
<b>Usage</b>	Research use only



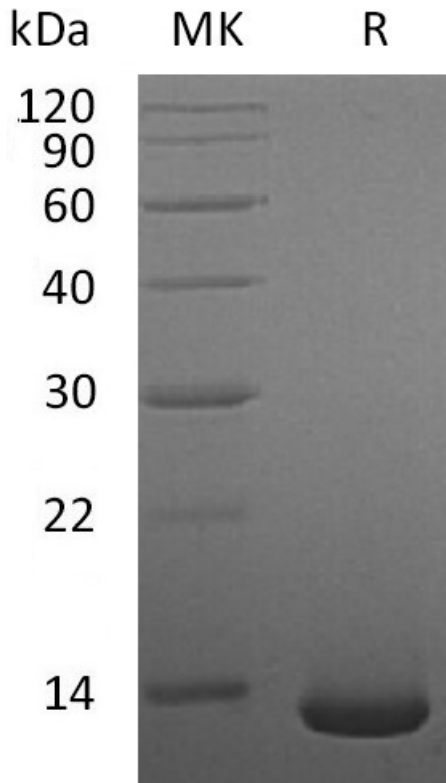


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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