

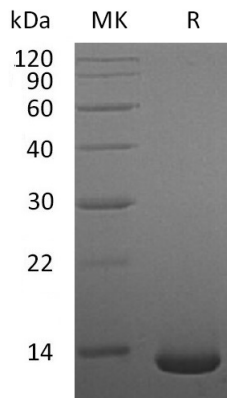
重组人/小鼠/大鼠骨形态发生蛋白2(BMP-2)

Bone Morphogenetic Protein 2(BMP-2),Human/Mouse/Rat,Recombinant

Cat. No.: MA1321-1 Size: 10 μ g

Source:	E.coli
Description:	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.
Accession:	P12643
Known As:	Bone Morphogenetic Protein 2; BMP-2; Bone Morphogenetic Protein 2A; BMP-2A; BMP2; BMP2A
Predicted Mol Mass:	13.3 KDa
Apparent Mol Mass:	13 KDa, reducing conditions
Endotoxin:	< 0.01 EU/ μ g as determined by LAL test.
Formulation:	Lyophilized from a 0.2 μ m filtered solution of 10mM HAc-NH ₄ Ac, 4% D-Mannitol, pH 4.0.
Reconstitution:	Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 50mM Acetic Acid. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage:	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8 $^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Background:	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.
Purity-SDS-PAGE:	





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

