

**BMP-2/BMP2A, Human, Recombinant****Cat. No. : GPCK086****产品信息**

物种	Human
表达宿主	E.coli
序列信息	Gln283-Arg396
检索号	P12643
分子量	13.3 kDa
有效期	12 months

**产品特性**

内毒素 (EU/μg)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 μm filtered solution of 10 mM HAc-NH <sub>4</sub> Ac, 4% D-Mannitol, pH 4.0.
复溶	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in 50 mM Acetic Acid. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**背景介绍**

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.

