

CERTIFICATE OF ANALYSIS

Product Information

Product Name: BMP-2, Human

Cat. No.: Z02913-10; Z02913-50; Z02913-100; Z02913-1

Lot No.: P50061502

Size: 10 µg/vial; 50 µg/vial; 100 µg/vial; 1 mg/vial

Storage Condition: Lyophilized recombinant human Bone Morphogenetic Protein-2 (rhBMP-2) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rhBMP-2 should be stable up to 2 weeks at 4°C or up to 3 months at -20°C.

Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Biological Activity(ED ₅₀)*	< 0.2 µg/ml	Conformed
Molecular Weight	26 kDa (non-reducing)	Conformed
Bacterial Endotoxin	< 1EU/µg	Conformed

*: Assay: Measured by its ability to induce alkaline phosphatase production by ATDC-5 Cells. The ED₅₀ for this effect is typically <0.2 µg/mL.

Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: zh.cui Date: 04/11/2017

Protein Products Department