

BMP-2 Protein, Human/Mouse/Rat, Recombinant (Low Endotoxin)

General Information

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| Synonyms: | Bone morphogenetic protein 2;BMP-2A;BMP2A;BMP-2;BMP2 |
| Expression Host: | E. coli |
| Molecular Weight: | 13.3 kDa (Predicted), 13 kDa (reducing conditions) |

QC Testing

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| Biological Activity: | Determined by its ability to induce alkaline phosphatase production by ATDC5 mouse chondrogenic cells. The ED50 for this effect is 46.5 ng/mL |
| Purity: | > 95% as determined by SDS-PAGE. |
| Endotoxin: | < 0.01 EU/μg as determined by LAL test. |

Preparation and Storage

Stability & Storage:

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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