

Catalog Number: HZ-1045

HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	Human
Expression	HEK293
Activity	Typically ≤ 20 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	34 kDa, homodimer, glycosylated
Formulation	2x PBS + 6% Ethanol, See Certificate of Analysis for details
Gene ID	652

Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 4 mM HCl containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

Stability and Storage

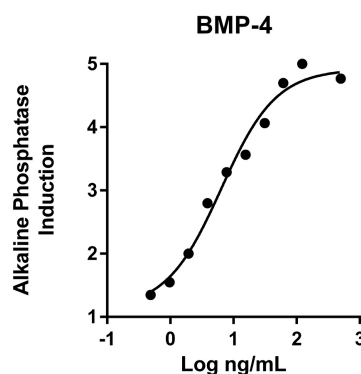
Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Product Description

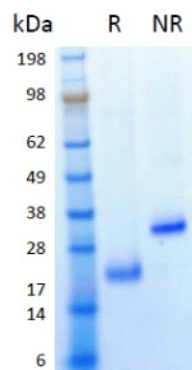
Animal-free Recombinant Human BMP-4 is expressed in human 293 cells as a disulfide linked homodimeric glycoprotein with an apparent molecular mass of 34 kDa. This cytokine is produced in a serum-free, chemically defined media.

Synonyms

BMP-2B, DVR4 BMP-4, BMP4, BMP 4



The activity was determined by the dose-dependent induction of alkaline phosphatase production in the ATDC-5 cell line (Mouse chondrogenic cell line) using pNPP as chromogenic substrate.



The protein was resolved by SDS- polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue. R represents reducing conditions and NR represents non-reducing conditions.

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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