



Human Bone Morphogenetic Protein 2 (BMP2), His Tag, Biotinylated

Product Information

Code	00015-01-50B
Name	Human BMP2 Biotinylated
Lot No.	20113861
Size	50 µg
Species	Human
Sequence	Gln ²⁸³ -Arg ³⁹⁶
Protein ID	NP_001191.1
Gene ID	NM_001200.3
MW	11.5 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>95% in SDS-PAGE gel PBS form
Formulation	without preservatives
Carry	Free
Storage	-70°C

Description

A DNA sequence encoding the human BMP-2 (Gln²⁸³-Arg³⁹⁶) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column. The human BMP2 was conjugated with water soluble biotin and dialysis against PBS.

Formulation

50 µg of human BMP-2 biotinylated in 166 µl of PBS (130mM NaCl, 7mM Na₂HPO₄, 3mM NaH₂PO₄, pH 7.4). Carry free.

Functional ELISA

The specific binding of biotinylated human BMP2 his tag recombinant was detected by Streptavidin-HRP Conjugate and High Sensitivity TMB substrate solution on the microplates coated with Anti His Tag Monoclonal Antibody at 1 µg/mL (50 µL per well).

Storage

Biotinylated protein is stable for up to six months at -70°C. Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Mature Human BMP-2 (Gln²⁸³-Arg³⁹⁶)

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283QAKHKQRK RLKSSCKRHP LYVDFSDVGW NDWIVAPPGY
HAFYCHGECF FPLADHLNST NHAIVQTLVN SVNSKIPKAC
CVPTELSAIS MLYLDENEKV VLKNYQDMVV EGCGCR396
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ORDER INFORMATION

AVISCERA BIOSCIENCE, INC.
2348 Walsh Ave. Suite C
Santa Clara, CA 95051
USA

Tel: (408) 982 0300

Fax: (408) 982 0301

Email:

Sales@AvisceraBioscience.com

www.AvisceraBioscience.com

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