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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

BMP7 (Human) Recombinant Protein

Catalog Number: P8479

Regulation Status: For research use only (RUO)

Product Description: Human BMP7 (P18075) recombinant protein with His-tag at N-terminal expressed in *Nicotiana benthamiana* expression system.

Sequence:

HHHHHHSTGSKQRSQNRSKTPKNQEALRMANVAENS
SSDQRQACKKHELYVSFRDLGWQDWIIAPEGYAAYYC
EGECAFLNSYMNATNHAIVQTLVHFINPETVPKPCCA
PTQLNAISVLYFDDSSVILKKYRNMVVRACGCH.

Host: *Nicotiana benthamiana*

Theoretical MW (kDa): 16.5

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Lyophilized

Preparation Method: *Nicotiana benthamiana*
expression system

Purity: > 97% by SDS-PAGE

Activity: The biological activity of BMP-7 was measured
by the ability to induce alkaline phosphatase production
by ATDC5 cells, ED₅₀ is less than 40 ng/mL,
corresponding to a specific activity of 25,000 units/mg.

Storage Buffer: BMP-7 was lyophilized from a solution
containing Tris-HCl 0.05M buffer at pH 7.4.

Storage Instruction: Store at -20°C. Aliquot the product
after reconstitution to avoid repeated freezing/thawing
cycles.

Entrez GeneID: 655

Gene Symbol: BMP7

Gene Alias: OP-1

Gene Summary: The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development and possible bone inductive activity. [provided by RefSeq]