

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Human recombinant BMP-7 (Bone morphogenetic protein-7) protein, AF BOB-PROTP18075-7-20UG

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human recombinant BMP-7 (Bone morphogenetic protein-7) protein, AF                                                                                                                                                                                            |
| Biozol Catalog Number      | BOB-PROTP18075-7-20UG                                                                                                                                                                                                                                         |
| Supplier Catalog Number    | PROTP18075-7-20ug                                                                                                                                                                                                                                             |
| Alternative Catalog Number | BOB-PROTP18075-7-20UG-20UG                                                                                                                                                                                                                                    |
| Manufacturer               | Boster Bio                                                                                                                                                                                                                                                    |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                              |
| Application                | Cell Culture                                                                                                                                                                                                                                                  |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Product Description        | Bone Morphogenetic Protein-7 (BMP-7) is an extracellular multifunctional cytokine that is also a member of the TGF-beta family. BMP7 can significantly inhibit TGF-beta through binding with TGF-beta receptor and trigger SMAD transcription factors, suc... |
| Molecular Weight           | The protein has a calculated MW of 14.00 kDa. The protein migrates as 12 kDa under reducing condition (SDS-PAGE analysis).                                                                                                                                    |
| Tag                        | His Tag (C-term)                                                                                                                                                                                                                                              |
| UniProt                    | <a href="#">P18075</a>                                                                                                                                                                                                                                        |
| Source                     | Escherichia coli                                                                                                                                                                                                                                              |
| Form                       | The protein was lyophilized from a 0.2 µm filtered solution containing 20 mM sodium citrate, 0.2 M NaCl, pH 3.5. If you have any concerns or special requirements, please confirm with us.                                                                    |

|          |                                                                                                                                                                          |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence | MANVAENSSSDQRQACKKHELYVSFRDLGWQDWIIAPEGYAAYYCEGECAF<br>PLNSYMNATNHAIVQTLVHFINPETVVPKPCCAPTQLNAISVLYFDDSSNVILKKY<br>RNMVVRACGCH with polyhistidine tag at the C-terminus. |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|