

## Recombinant Human BMP7 protein, His-tagged

Cat. No. BMP7-11H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human BMP7 protein(Asp30~His431), fused to N-terminal His tag, was expressed in E. coli.             |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Asp30~His431   |
| <b>Form</b>             | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose .                            |
| <b>Molecular Mass</b>   | 46kDa as determined by SDS-PAGE reducing conditions.   |
| <b>Purity</b>           | > 97%  |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles.<br>Store at 2-8°C for one month.<br>Aliquot and store at -80°C for 12 months. |
| <b>Reconstitution</b>   | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.<br>Do not vortex.             |

### GENE INFORMATION

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|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | BMP7 bone morphogenetic protein 7 [ Homo sapiens ]                           |
| <b>Official Symbol</b> | BMP7   |
| <b>Synonyms</b>        | BMP7; bone morphogenetic protein 7; OP 1; osteogenic protein 1; BMP-7; OP-1; |
| <b>Gene ID</b>         | 655  |
| <b>mRNA Refseq</b>     | NM_001719  |
| <b>Protein Refseq</b>  | NP_001710  |
| <b>MIM</b>             | 112267   |
| <b>UniProt ID</b>      | P18075   |
| <b>SDS-PAGE</b>        |  |

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