

## Active Recombinant Human BMP10

Cat. No. BMP10-1082H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BMP10 (Accession # O95393), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Ser20 & Pro23
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to inhibit BMP-10-induced alkaline phosphatase production by MC3T3-E1 mouse preosteoblast cells. The ED50 for this effect is typically 0.75 - 3 µg/mL in the presence of 100 ng/mL of rhBMP-10.
<b>Molecular Mass</b>	Recombinant Human BMP10 has a calculated MW of 34.6 kDa. In SDS-PAGE migrates as 42-50 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Gene Name</b>	BMP10 bone morphogenetic protein 10 [ Homo sapiens ]
<b>Official Symbol</b>	BMP10
<b>Synonyms</b>	BMP10; bone morphogenetic protein 10; MGC126783;
<b>Gene ID</b>	27302
<b>mRNA Refseq</b>	NM_014482
<b>Protein Refseq</b>	NP_055297
<b>MIM</b>	608748
<b>UniProt ID</b>	O95393
<b>Chromosome Location</b>	2p13.2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA