

Recombinant Human BMP7 Protein (Asp30-His431), His tagged

Cat. No. BMP7-0781H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human BMP7 (Asp30-His431) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp30-His431
Description	Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis. Promotes brown adipocyte differentiation by P38 MAPK pathway-mediated activation of target genes, including members of the SOX family of transcription factors.
Form	Lyophilized powder/frozen liquid
Molecular Mass	48.42 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer Lyophilized from PBS, pH 7.4, 0.02% NLS, 1mM EDTA, 4% trehalose, 1% mannitol.

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name BMP7 bone morphogenetic protein 7 [Homo sapiens (human)]

Official Symbol BMP7

Synonyms BMP7; bone morphogenetic protein 7; OP 1; osteogenic protein 1; BMP-7; OP-1;

Gene ID 655

mRNA Refseq NM_001719

Protein Refseq NP_001710

MIM 112267

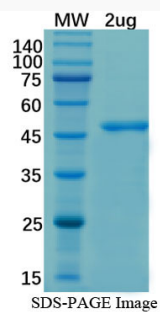
UniProt ID P18075

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

SDS-PAGE



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

Email: info@creative-biomart.com Fax: 1-631-938-8127

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