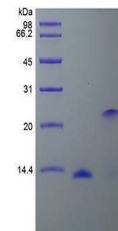


## Product Datasheet

### Human BMP2 protein (orb80007)

<b>Description</b>	BMP2 Human Recombinant produced in E.coli is homodimeric, non-glycosylated, Polypeptide chain contain...
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	SDS-PAGE
<b>Target</b>	BMP2
<b>Preservatives</b>	BMP-2 was lyophilized from concentrated (1mg/ml) sterile solution containing 20 mM NaAc pH=4.
<b>Storage</b>	Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.
<b>Note</b>	For research use only
<b>Application notes</b>	<b>Experiment Notes:</b> Protein quantitation was carried out by two independent methods1. UV spectroscopy at 280 nm using the absorbency value of 1.4 as the extinction coefficient for 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using standard solution of BMP-2 as Reference Standard.
<b>Protein Sequence</b>	The sequence of the first five N-terminal amino acids was determined and was found to be Met-Gln-Ala-Lys-His.
<b>Purity</b>	> 95.0% as determined by RP-HPLC and analysis by SDS-PAGE
<b>Solubility (25°C)</b>	It is recommended to reconstitute the lyophilized Bone Morphogenetic Protein-2 in sterile 20 mM AcOH (acetic Acid) not less than 100ug/ml, which can then be further diluted to other aqueous solutions.
<b>Expiration Date</b>	6 months from date of receipt.



SDS-PAGE analysis of Human BMP2 protein