

Recombinant Rat Bmp6 protein, His-tagged

Cat. No. Bmp6-655R **Lot. No.** (See product label)

SPECIFICATION

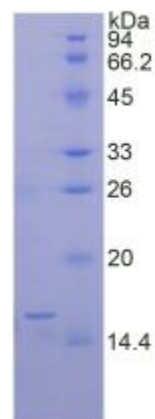
Product Overview	Recombinant Rat Bmp6 aa. (Gln375~Ala502) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln375~Ala502
Description	Plays a role in induction of osteogenesis; may be involved in liver growth and differentiation in response to injury.
Form	Freeze-dried powder
Molecular Mass	16kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.7.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	Bmp6 bone morphogenetic protein 6 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Bmp6
Synonyms	Bmp6; bone morphogenetic protein 6; VGR; bone morphogenetic protein 6; BMP-6; VG-1-related protein; VGR-1
Gene ID	25644
mRNA Refseq	NM_013107.1
Protein Refseq	NP_037239.1
UniProt ID	Q04906

SDS-PAGE

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