

Recombinant Rat Bmp4 protein, His-tagged

Cat. No. Bmp4-572R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Bmp4 (Q6AYU9) aa. (Pro28~Glu183) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Pro28~Glu183
Description	Plays a role in induction of cell proliferation.
Form	Freeze-dried powder
Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP.
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,

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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 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name

Bmp4 bone morphogenetic protein 4 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Bmp4

Synonyms

Bmp4; bone morphogenetic protein 4; BOMPR4A; BMP-2B; BMP-4; bone morphogenetic protein 2B

Gene ID

25296

mRNA Refseq

NM_012827.2

Protein Refseq

NP_036959.2

UniProt ID

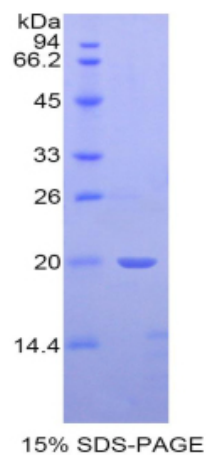
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SDS-PAGE



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