

Active Recombinant Human BMP4 protein

Cat. No. BMP4-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human BMP4 protein(P12644)(Ser293-Arg408) is expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	293-408 aa
Form	Supplied as a 0.2 µm filtered solution of 4mM HCl.
Bio-activity	Recombinant Human BMP-4 induces alkaline phosphatase production in ATDC5 mouse chondrogenic cell line. The ED50 for this effect is 152.7ng/mL.
Molecular Mass	13.3 KDa
Endotoxin	< 0.01 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Concentration	0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire

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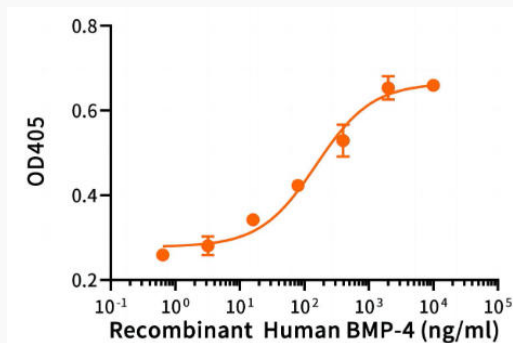
 45-1 Ramsey Road, Shirley, NY 11967, USA

contents.

GENE INFORMATION

Gene Name	BMP4 bone morphogenetic protein 4 [Homo sapiens]
Official Symbol	BMP4
Synonyms	BMP4; bone morphogenetic protein 4; BMP2B; BMP-4; BMP-2B; bone morphogenetic protein 2B; ZYME; OFC11; BMP2B1; MCOPS6;
Gene ID	652
mRNA Refseq	NM_001202
Protein Refseq	NP_001193
MIM	112262
UniProt ID	P12644

Activity

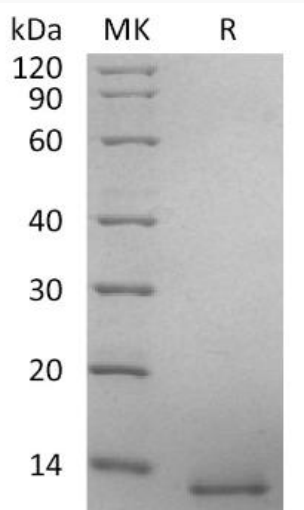


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SDS-PAGE



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