

Recombinant Human BMP6 Protein, GST-tagged

Cat. No. BMP6-273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BMP6 partial ORF (NP_001709, 382 a.a. - 471 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskelatal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has lead to speculation of possible bone inductive activity.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	35.64 kDa
AA Sequence	QQSRNRSTQSQDVARVSSASDYNSSSELKTACRKHELYVSFQDLGWQDWIAPKGY AANYCDGECSFPLNAHMNATNHAIVQTLVHLMNPE
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name BMP6 bone morphogenetic protein 6 [Homo sapiens]

Official Symbol BMP6

Synonyms BMP6; bone morphogenetic protein 6; vegetal related growth factor (TGFB related) , VGR; VGR1; BMP-6; VGR-1; VG-1-R; VG-1-related protein; Vg1-related sequence; vegetal-related (TGFB related) cytokine; vegetal related growth factor (TGFB-related); VGR;

Gene ID 654

mRNA Refseq NM_001718

Protein Refseq NP_001709

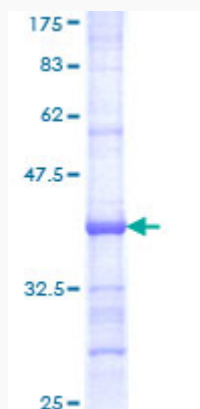
MIM 112266

UniProt ID P22004

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