

# Recombinant Full Length Human BMP8A Protein, GST-tagged

Cat. No. BMP8A-1729HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human BMP8A full-length ORF ( AAH93743.1, 1 a.a. - 116 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	116 amino acids
<b>Description</b>	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein may play a role in development of the reproductive system. This gene may have arose from a gene duplication event and its gene duplicate is also present on chromosome 1.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	39.2 kDa
<b>AA Sequence</b>	MNVFKTQTL LCP SGVH SRPEDH DETPFLCSKAQSVTVVAF LVARLLATLATHQMTS HTEGLRKG GGRKDTQLMKGQC SAIKVIFWPGCLPQPRMHSRLHIRSINKGGQLRPT GCNK

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	BMP8A bone morphogenetic protein 8a [ Homo sapiens ]
<b>Official Symbol</b>	BMP8A
<b>Synonyms</b>	BMP8A; bone morphogenetic protein 8a; bone morphogenetic protein 8A; BMP-8A; FLJ14351; FLJ45264
<b>Gene ID</b>	353500
<b>mRNA Refseq</b>	NM_181809
<b>Protein Refseq</b>	NP_861525
<b>UniProt ID</b>	Q7Z5Y6

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