

Recombinant Full Length Human BMP8A Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human BMP8A full-length ORF (AAH93743.1, 1 a.a. - 116 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	116 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	39.2 kDa
AA Sequence	MNVFKTQTLLCPSGVHSRPEDHDET PFLCSKAQSVTVVAFLVARLLATLATHQMTS HTEGLRKG GGRKDTQLMKGQCSAIVFWPGCLPQPRMHSRLHIRSINKGGQLRPT GCNK

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Notes	Best use within three months from the date of receipt of this protein.
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	BMP8A bone morphogenetic protein 8a [Homo sapiens]
Official Symbol	BMP8A
Synonyms	BMP8A; bone morphogenetic protein 8a; bone morphogenetic protein 8A; BMP-8A; FLJ14351; FLJ45264
Gene ID	353500
mRNA Refseq	NM_181809
Protein Refseq	NP_861525
UniProt ID	Q7Z5Y6

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