

Recombinant Full Length Human BMP10 Protein, GST-tagged

Cat. No. BMP10-1722HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human BMP10 full-length ORF (NP_055297.1, 1 a.a. - 424 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	424 amino acids
Description	The protein encoded by this gene is a member of the TGF-beta family of growth factors. Data suggest that the similar protein in mouse plays an important role in trabeculation of the embryonic heart. In human, this protein may signal through receptor serine/threonine kinases.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	72.27 kDa
AA Sequence	<p>MGSLVLTLCALFCLAAYLVSGSPIMNLEQSPLEEDMSLFGDVFSEQDGVDFNTLLQS MKDEFLKTLNLSDIPTQDSAKVDPPEYMLELYNKFATDRTSMPSANIIRSFKNEDLFS QPVSFNGLRKYP LLFNVSIPHHEEVIMAE LRLYTLVQRDRMIYDGVDRKITIFEVLESK GDNEGERNMLLVLSGEIYGTNSEWETFVDVTDAIRRWQKSGSSTHQLEVHIESKHDE AEDASSGRLEIDTSAQNKHNPLLIVFSDDQSSDKERKEELNEMISHEQLPELDNLGL DSFSSGPGEEALLQMRSNIIYDSTARIRRNAKGN YCKRTP LYIDFKEIGWDSWIIAPP GYEAYECRGVCNYPLAEHLTPTKHAIQALVHLKNSQKASKACCVPTKLEPISILYLDK</p>

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GVVTYKFKYEGMAVSECGCR

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	BMP10 bone morphogenetic protein 10 [Homo sapiens]
Official Symbol	BMP10
Synonyms	BMP10; bone morphogenetic protein 10; MGC126783
Gene ID	27302
mRNA Refseq	NM_014482
Protein Refseq	NP_055297
MIM	608748
UniProt ID	O95393

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