

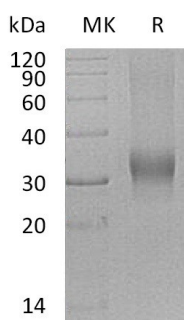
Product Name: Recombinant Human BMPG (C-6His)
Catalog #: PHH0164



Summary

Name	Bone Marrow Proteoglycan/Bmpg
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Bone Marrow Proteoglycan is produced by our Mammalian expression system and the target gene encoding Leu17-Tyr222 is expressed with a 6His tag at the C-terminus.
Accession #	AAH05929.1
Host	Human Cells
Species	Human
Predicted Molecular Mass	24.6 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Bone Marrow Proteoglycan; BMPG; Proteoglycan 2; Eosinophil Granule Major Basic Protein; EMBP; MBP; Pregnancy-Associated Major Basic Protein; PRG2; MBP
Background	Bone Marrow Proteoglycan (BMPG) is a secreted protein that contains one C-type lectin domain. BMPG is the predominant constituent of the crystalline core of the

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eosinophil granule. BMPG is highly expressed in placenta and pregnancy serum. BMPG may be involved in antiparasitic defense mechanisms as a cytotoxin and helminthotoxin. BMPG induces non-cytolytic histamine release from human basophils. In addition, BMPG also participated in antiparasitic defense mechanisms and immune hypersensitivity reactions.

Note

For Research Use Only , Not for Diagnostic Use.