

## Product datasheet for **TP724607**

### Major Basic Protein (PRG2) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Bone Marrow Proteoglycan/BMPG (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu17-Tyr222
Tag:	C-6His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4
Note:	Recombinant Human Bone Marrow Proteoglycan is produced by Human cells system and the target gene encoding Leu17-Tyr222 is expressed with a 6His tag at the C-terminus.
Storage:	Store at $\leq -70^{\circ}\text{C}$ , stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$ , stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	5553
UniProt ID:	<a href="#">P13727</a>
Summary:	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 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.


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