

Recombinant Human PRG2/BMPG Protein (His Tag)

Catalog No. PKSH032124

Note: Centrifuge before opening to ensure complete recovery of vial contents.

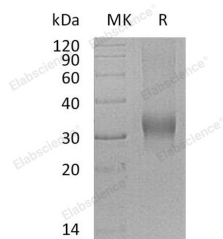
Description

Synonyms	Bone Marrow Proteoglycan;BMPG;Proteoglycan 2;Eosinophil Granule Major Basic Protein;EMBP;MBP;Pregnancy-Associated Major Basic Protein;PRG2;MBP
Species	Human
Expression Host	HEK293 Cells
Sequence	Leu17-Tyr222
Accession	AAH05929.1
Calculated Molecular Weight	24.6 kDa
Observed molecular weight	33 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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 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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