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Datasheet for ABIN7318206 PRG2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	PRG2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRG2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PRG2/BMPG Protein (His Tag)
Sequence:	Leu17-Tyr222
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PRG2
Alternative Name:	PRG2/BMPG (PRG2 Products)
Background:	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

Target Details

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.

Synonym: Bone Marrow Proteoglycan, BMPG, Proteoglycan 2, Eosinophil Granule Major Basic Protein, EMBP, MBP, Pregnancy-Associated Major Basic Protein, PRG2, MBP

Molecular Weight: 24.6 kDa

UniProt: [P13727](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.