Recombinant Human PRG2/BMPG Protein (His Tag)

Catalog Number: PKSH032124

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

Species Human Source HEK293 Cells-derived Human PRG2;BMPG protein Leu17-Tyr222, with an C-terminal His Calculated MW 24.6 kDa Observed MW 33 kDa Accession AAH05929.1 Bio-activity Not validated for activity Properties Vot validated for activity Purity >95 % as determined by reducing SDS-PAGE. Concentration Subject to label value. Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method. Storage Stora 4 < -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/ge 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. Data 120 4 120 9 60 40 30 20 30 20 30 20 30 20 30 20 30 20 30 20 30 20 30	Description	
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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.