

Bone marrow proteoglycan (PRG2) Recombinant Protein | PRG2 recombinant protein

Recombinant Human Bone marrow proteoglycan (PRG2), partial

CATALOG # AAA113433	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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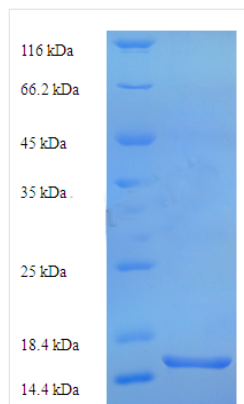
PRODUCT SYNONYMS

Bone marrow proteoglycan (PRG2); Recombinant Human Bone marrow proteoglycan (PRG2); partial; PRG2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	106-222aa; Full Length of Mature Protein
Sequence	TCRYLLVRSL QTFSQAWFTC RRCYRGNLVS IHNFNINYRI QCSVSALNQG QVWIGGRITG SGRCRRFQWV DGSRWNFAYW AAHPWWSRGG HCVALCTRGG HWRAHCLRR LPFICSY
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PRG2 recombinant protein

This protein is the predominant constituent of the crystalline core of the eosinophil granule. High levels of the proform of this protein are also present in placenta and pregnancy serum, where it exists as a complex with several other proteins including pregnancy-associated plasma protein A (PAPPA), angiotensinogen (AGT), and C3dg. This protein may be involved in antiparasitic defense mechanisms as a cytotoxin and helminthotoxin, and in immune hypersensitivity reactions. It is directly implicated in epithelial cell damage, exfoliation, and bronchospasm in allergic diseases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	342837699
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NCBI GeneID	5553
NCBI Accession #	NP_001230174.1
NCBI GenBank Nucleotide #	NM_001243245.2
UniProt Accession #	P13727; P81448; Q14227; Q6ICT2; A6XMW0; B2R5I1
Molecular Weight	15.77kD
NCBI Official Full Name	bone marrow proteoglycan isoform 2 preproprotein
NCBI Official Synonym Full Names	proteoglycan 2, pro eosinophil major basic protein
NCBI Official Symbol	PRG2
NCBI Official Synonym Symbols	MBP; BMPG; MBP1; proMBP
NCBI Protein Information	bone marrow proteoglycan
UniProt Protein Name	Bone marrow proteoglycan
UniProt Gene Name	PRG2
UniProt Synonym Gene Names	MBP; BMPG; EMBP; MBP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/prg2-recombinant-protein-e-coli/113433>