

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

Recombinant Human Bone marrow proteoglycan (PRG2), partial

CATALOG # AAA233492	HOST Cell Free Expression
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PRODUCT SYNONYMS

Bone marrow proteoglycan (PRG2); Recombinant Human Bone marrow proteoglycan (PRG2); partial; Proteoglycan 2; Cleaved into the following chain; Eosinophil granule major basic protein; EMBP; MBP; Pregnancy-associated major basic protein; PRG2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Cell Free Expression
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	106-222aa; Full Length of Mature Protein
Sequence	TCRYLLVRSL QTFSQAWFTC RRCYRGNLVS IHNFNINYRI QCSVSALNQG QVWIGGRITG SGRCRRFQWV DGSRWNFAYW AAHPWSRGG HCVALCTRGG HWRRAHCLRR LPFICSY
Species	Homo sapiens(Human)
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PRG2 recombinant protein	Cytotoxin and helminthotoxin. Also induces non-cytolytic histamine release from human basophils. Involved in antiparasitic defense mechanisms and immune hypersensitivity reactions. The proform acts as a proteinase inhibitor, reducing the activity of PAPPA.
Product Categories/Family for PRG2 recombinant protein	Immunology ; Transmembrane Protein

References	"Cloning and sequence analysis of the human gene encoding eosinophil major basic protein."Barker R.L., Loegering D.A., Arakawa K.C., Pease L.R., Gleich G.J.Gene 86:285-289(1990)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	342837699
NCBI GeneID	5553
NCBI Accession #	NP_001230174.1
NCBI GenBank Nucleotide #	NM_001243245.2
UniProt Accession #	P13727; P81448; Q14227; Q6ICT2; A6XMW0; B2R5I1
Molecular Weight	29.8 kDa
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.