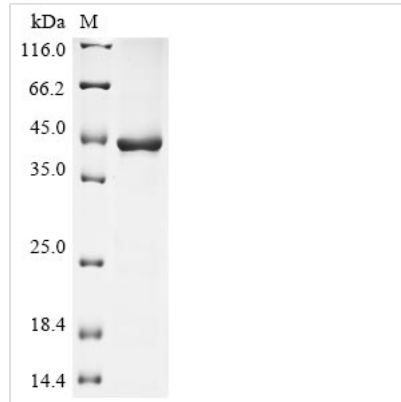




Recombinant Human Bone marrow proteoglycan (PRG2), partial

Product Code	CSB-EP018670HU1
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P13727
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	LHLRSETSTFETPLGAKTLPEDDEETPEQEMEETPCRELEEEEEWGSSEDAS KKDGAVESISVPDMVDKNLTCPEEEDTVKVVGIPGC
Lead Time	3-7 business days
Research Area	Immunology
Source	E.coli
Gene Names	PRG2
Expression Region	17-104aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-GST-tagged
Mol. Weight	41.2 kDa
Protein Description	partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Enhance your immunological research with our high-quality Recombinant Human PRG2 protein, a crucial component of the bone marrow microenvironment. Bone marrow proteoglycan, also known as BMPG or Proteoglycan 2, plays a significant role in regulating cellular adhesion and growth in the bone marrow niche. Its involvement in these processes makes it an important target for researchers investigating the complex mechanisms underlying immune cell development and homeostasis.

Our Recombinant Human PRG2 protein is expressed in *E. coli*, ensuring a robust and reliable product for your research needs. Covering a partial region of the protein from 17-104aa, our recombinant PRG2 retains key functional domains essential for your experiments. To streamline protein purification and detection, the N-terminal 6xHis-GST tag has been added to our recombinant protein. With a purity greater than 85% as determined by SDS-PAGE, our Recombinant Human PRG2 protein is provided as a lyophilized powder, offering you a consistent and trustworthy tool for your immunology research projects.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.