

Product datasheet

Recombinant Human Biglycan protein (denatured)  
ab140579

1 Image

Description	
Product name	Recombinant Human Biglycan protein (denatured)
Purity	> 85 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<b><u>P21810</u></b>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MDEEASGADT SGVLDPDSVT PTYSAMCPFG CHCHLRVVQC SDLGLKSVPK EISPDTTLLD LQNNDISELR KDDFKGLQHL YALVLVNNKI SKIHEKAFSP LRKLQKLYIS KNHLVEIPP LPSSLVELRI HDNRIRKVPK GVFSGLRNMN CIEMGGNPLE NSGFEPGAFD GLKLNYLRIS EAKLTGIPKD LPETLNEHL DHNKIAIEL EDLLRYSKLY RLGLGHNQIR MIENGSL SFL PTLRELHLDN NKLARVPSGL PDLKLLQVVY LHSNNITKVG VNDFCPMGFG VKRAYNGIS LFNNVPYWE VQPATFRCVT DRLAIQFGNY KK
Predicted molecular weight	40 kDa including tags
Amino acids	38 to 368
Tags	His tag N-Terminus
Description	Recombinant Human Biglycan protein

Specifications

Our **Abpromise guarantee** covers the use of **ab140579** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
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**Form** Liquid

## Preparation and Storage

**Stability and Storage** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

## General Info

**Function** May be involved in collagen fiber assembly.

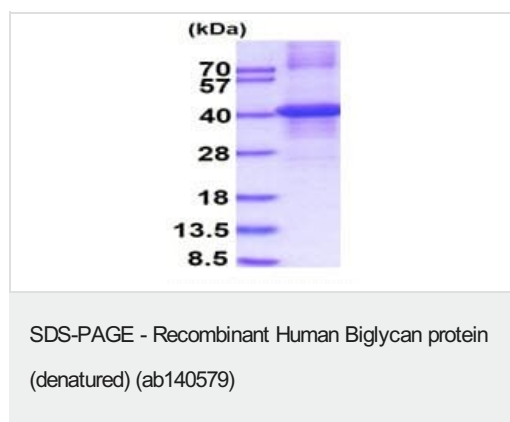
**Tissue specificity** Found in several connective tissues, especially in articular cartilages.

**Sequence similarities** Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class I subfamily. Contains 12 LRR (leucine-rich) repeats.

**Post-translational modifications** The two attached glycosaminoglycan chains can be either chondroitin sulfate or dermatan sulfate.

**Cellular localization** Secreted > extracellular space > extracellular matrix.

## Images



15% SDS PAGE analysis of ab140579 (3 µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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