

Product datasheet

Recombinant Human Biglycan protein (denatured)
 ab140579

1 Image

Overview

| | |
|-----------------------|--|
| Product name | Recombinant Human Biglycan protein (denatured) |
| Protein length | Full length protein |
| Description | Recombinant Human Biglycan protein |

Description

| | |
|---------------|------------------|
| Nature | Recombinant |
| Source | Escherichia coli |

Amino Acid Sequence

| | |
|------------------|--|
| Accession | P21810 |
| Species | Human |
| Sequence | MGSSHHHHHH SSGLVPRGSH MDEEASGADT SGVLDPDSVT PTYSAMCPFG CHCHLRVVQC SDLGLKSVPK EISPDITLLD LQNNDISELR KDDFKGLQHL YALVLVNNKI SKIHEKAFSP LRKLQKLYIS KNHLVEIPPN LPSSLVELRI HDNRIRKVPK GVFSGLRNMN CIEMGGNPLE NSGFEPGAFD GLKLNYLRIS EAKLTGIPKD LPETLNELHL DHNKIQAIEL EDLLRYSKLY RLGLGHNQIR MIENGSL SFL PTLRELHLDN NKLARVPSGL PDLKLLQVVY LHSNNITKVG VNDFCPMGFG VKRAYNGIS LFNNPVPYWE VQPATFRCVT DRLAIQFGNY KK |

| | |
|-------------------------|-----------------------|
| Molecular weight | 40 kDa including tags |
| Amino acids | 38 to 368 |
| Tags | His tag N-Terminus |

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 |
| Purity | > 85 % SDS-PAGE. |
| Form | Liquid |

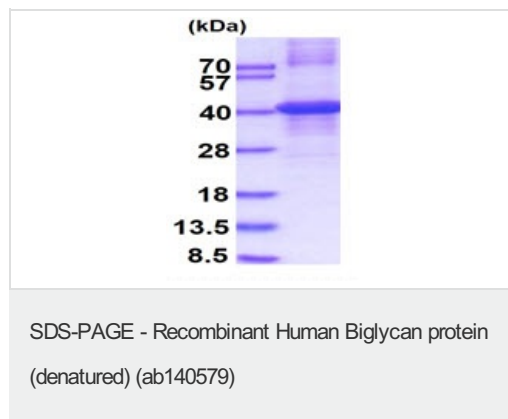
Preparation and Storage

| | |
|------------------------------|---|
| 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 |
|------------------------------|---|

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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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