

Human CellExp™ Collagen II / COL2A1, Human recombinant
COL2A1, Collagen alpha-1(II) chain, Chondrocalcin
Catalog # PBV11536r**Specification**

Human CellExp™ Collagen II / COL2A1, Human recombinant - Product info

Primary Accession [P02458](#)
Calculated MW **28.2 kDa** KDa

Human CellExp™ Collagen II / COL2A1, Human recombinant - Additional Info

Gene ID **1280**
Other Names
COL2A1, Collagen alpha-1(II) chain, Chondrocalcin

Gene Source **Human**
Source **HEK 293 cells**
Assay&Purity **SDS-PAGE;> 95%**
Recombinant **Yes**
Target/Specificity
COL2A1

Application Notes

Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml.

Format

Lyophilized

Storage

-20°C;N/A

Human CellExp™ Collagen II / COL2A1, Human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp™ Collagen II / COL2A1, Human recombinant - Images**Human CellExp™ Collagen II / COL2A1, Human recombinant - Background**

Collagen alpha-1(II) chain (COL2A1) is also known as Alpha-1 type II collagen, which can be cleaved

into the following 2 chains: Collagen alpha-1(II) chain and Chondrocalcin. COL2A1 belongs to the fibrillar collagen family. Type II collagen / COL2A1 is specific for cartilaginous tissues. It is essential for the normal embryonic development of the skeleton, for linear growth and for the ability of cartilage to resist compressive forces.