

Product datasheet

Native Collagen V protein ab7530

製品の詳細

製品名	Native Collagen V protein
生理活性	Collagen taken from bovine species.
発現系	Native
タンパク質長	Full length protein
Animal free	No
由来	Native
生物種	Cow
予測される分子量	184 kDa

特性

Our **Abpromise guarantee** covers the use of **ab7530** in the following tested applications.

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

アプリケーション	SDS-PAGE Western blot Immunoprecipitation ELISA
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製品の状態 Liquid

備考 This product reacts with anti-Collagen Type V. Reaction with anti-Collagen I, II, III, IV or VI is negligible (typically less than 1% cross reactivity was detected by ELISA).
Collagen taken from bovine species.

前処理および保存

保存方法および安定性 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.
Constituent: 0.82% Sodium acetate

関連情報

機能	Type V collagen is a member of group I collagen (fibrillar forming collagen). It is a minor connective tissue component of nearly ubiquitous distribution. Type V collagen binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin.
関連疾患	Ehlers-Danlos syndrome 1 Ehlers-Danlos syndrome 2
配列類似性	Belongs to the fibrillar collagen family. Contains 1 fibrillar collagen NC1 domain. Contains 1 laminin G-like domain.
ドメイン	The C-terminal propeptide, also known as COLFI domain, have crucial roles in tissue growth and repair by controlling both the intracellular assembly of procollagen molecules and the extracellular assembly of collagen fibrils. It binds a calcium ion which is essential for its function.
翻訳後修飾	Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains. Sulfated on 40% of tyrosines.
細胞内局在	Secreted > extracellular space > extracellular matrix.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors