

Product datasheet

Native Human Collagen VI protein ab7538

4 References

製品の詳細

製品名	Native Human Collagen VI protein
精製度	> 95 % n/a. This product has been prepared from human placenta and is chromatographically and immunologically pure.
発現系	Native
アクセッション番号	P12109
タンパク質長	Full length protein
Animal free	No
由来	Native
生物種	Human
配列の追加情報	Prepared from Human Placenta.

特性

Our [Abpromise guarantee](#) covers the use of **ab7538** 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	Western blot Immunoprecipitation ELISA Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
製品の状態	Liquid
備考	This product is free from other collagens, human serum proteins and non-collagen extracellular matrix proteins. This product reacts with anti-Collagen Type VI. Reaction with anti-Collagen I, II, III, IV or V is negligible (typically less than 1% cross reactivity was detected by ELISA).

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. Diluted stock solutions should be used immediately and not be frozen. Please see notes section. Store undiluted. Preservative: 0.01% Sodium azide Constituent: 3% Acetic acid
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関連情報

機能	Collagen VI acts as a cell-binding protein.
関連疾患	<p>Defects in COL6A1 are a cause of Bethlem myopathy (BM) [MIM:158810]. BM is a rare autosomal dominant proximal myopathy characterized by early childhood onset (complete penetrance by the age of 5) and joint contractures most frequently affecting the elbows and ankles.</p> <p>Defects in COL6A1 are a cause of Ullrich congenital muscular dystrophy (UCMD) [MIM:254090]; also known as Ullrich scleroatonic muscular dystrophy. UCMD is an autosomal recessive congenital myopathy characterized by muscle weakness and multiple joint contractures, generally noted at birth or early infancy. The clinical course is more severe than in Bethlem myopathy.</p>
配列類似性	<p>Belongs to the type VI collagen family.</p> <p>Contains 3 VWFA domains.</p>
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.
細胞内局在	Secreted > extracellular space > extracellular matrix.

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