abcam

Product datasheet

# Human Versican peptide ab39784

## 製品の概要

**製品名** Human Versican peptide

## 製品の詳細

**由来** Synthetic

**アミノ酸配列 1**

**生物種** Human

**配列** CGG-DPEAAE

**領域** 436 to 441

**アミノ酸配列 2**

**生物種** Human

**配列** CGG-DPEAAE

**領域** 436 to 441

## 特性

Our Abpromise guarantee covers the use of **ab39784** 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** Blocking - Blocking peptide for Anti-Versican antibody (ab19345)

Neutralising

**精製度** > 90 % SDS-PAGE.
This peptide is greater than 70% pure.

**製品の状態** Liquid

## 前処理および保存

**保存方法および安定性** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Double distilled water or equivalent after reconstitution.

## 関連情報

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|---|---|
| **機能** | May play a role in intercellular signaling and in connecting cells with the extracellular matrix. May take part in the regulation of cell motility, growth and differentiation. Binds hyaluronic acid. |
| **組織特異性** | Cerebral white matter and plasma. Isoform V0 and isoform V1 are expressed in normal brain, gliomas, medulloblastomas, schwannomas, neurofibromas, and meningiomas. Isoform V2 is restricted to normal brain and gliomas. Isoform V3 is found in all these tissues except medulloblastomas. |
| **関連疾患** | Defects in VCAN are the cause of Wagner syndrome type 1 (WGN1) [MIM:143200]. WGN is a dominantly inherited vitreoretinopathy characterized by an optically empty vitreous cavity with fibrillary condensations and a preretinal avascular membrane. Other optical features include progressive chorioretinal atrophy, perivascular sheating, subcapsular cataract and myopia. Systemic manifestations are absent in WGN. |
| **配列類似性** | Belongs to the aggrecan/versican proteoglycan family.<br>Contains 1 C-type lectin domain.<br>Contains 2 EGF-like domains.<br>Contains 1 Ig-like V-type (immunoglobulin-like) domain.<br>Contains 2 Link domains.<br>Contains 1 Sushi (CCP/SCR) domain. |
| **発生段階** | Disappears after the cartilage development. |
| **翻訳後修飾** | Phosphorylation sites are present in the extracelllular medium. |
| **細胞内局在** | Secreted > extracellular space > extracellular matrix. |



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