

Human Versican peptide ab39784

描述

产品名称	人Versican多肽
纯度	> 90 % SDS-PAGE. This peptide is greater than 70% pure.
无动物成分	No
性质	Synthetic
氨基酸序列 1	
种属	Human
序列	CGG-DPEAAE
氨基酸	436 to 441
氨基酸序列 2	
种属	Human
序列	CGG-DPEAAE
氨基酸	436 to 441

技术指标

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.

应用	Blocking - Blocking peptide for Anti-Versican antibody (ab19345) Neutralising
形式	Lyophilized

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Double distilled water or equivalent after reconstitution.
复溶	Reconstitute with 0.1 ml of distilled water.

常规信息

功能	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.
组织特异性	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.
疾病相关	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 sheathing, subcapsular cataract and myopia. Systemic manifestations are absent in WGN.
序列相似性	Belongs to the aggrecan/versican proteoglycan family. Contains 1 C-type lectin domain. Contains 2 EGF-like domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain. Contains 2 Link domains. Contains 1 Sushi (CCP/SCR) domain.
发展阶段	Disappears after the cartilage development.
翻译后修饰	Phosphorylation sites are present in the extracellular medium.
细胞定位	Secreted > extracellular space > extracellular matrix.

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