

## Product datasheet

# Recombinant Human Vitronectin protein ab54116

### 1 References

#### 概述

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产品名称	Recombinant人Vitronectin protein
蛋白长度	Full length protein

#### 描述

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性质	Recombinant
来源	EBNA 293 cells

#### 氨基酸序列

Accession [P04004](#)

种属	Human
氨基酸	20 to 478

#### 技术指标

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Our [Abpromise guarantee](#) covers the use of **ab54116** in the following tested applications.

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

应用	Functional Studies Western blot
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形式	Liquid
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#### 制备和贮存

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稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 200mM Sodium chloride, 20mM Tris, pH 7.5
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#### 常规信息

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功能	Vitronectin is a cell adhesion and spreading factor found in serum and tissues. Vitronectin interact with glycosaminoglycans and proteoglycans. Is recognized by certain members of the
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	<p>integrin family and serves as a cell-to-substrate adhesion molecule. Inhibitor of the membrane-damaging effect of the terminal cytolytic complement pathway.</p> <p>Somatomedin-B is a growth hormone-dependent serum factor with protease-inhibiting activity.</p>
<b>组织特异性</b>	Plasma.
<b>序列相似性</b>	<p>Contains 4 hemopexin repeats.</p> <p>Contains 1 SMB (somatomedin-B) domain.</p>
<b>结构域</b>	The SMB domain mediates interaction with SERPINE1/PAI1. The heparin-binding domain mediates interaction with insulin.
<b>翻译后修饰</b>	<p>Sulfated on 2 tyrosine residues.</p> <p>N- and O-glycosylated.</p> <p>Phosphorylation on Thr-69 and Thr-76 favors cell adhesion and spreading.</p> <p>It has been suggested that the active SMB domain may be permitted considerable disulfide bond heterogeneity or variability, thus two alternate disulfide patterns based on 3D structures are described with 1 disulfide bond conserved in both.</p> <p>Phosphorylation sites are present in the extracellular medium.</p>
<b>细胞定位</b>	Secreted, extracellular space.

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