

## Product datasheet

# Recombinant Human ADAM10 protein ab83118

### 製品の概要

製品名	Recombinant Human ADAM10 protein
タンパク質長	Protein fragment

### 製品の詳細

由来	Recombinant
由来	Escherichia coli
アミノ酸配列	
生物種	Human
領域	214 to 672

### 特性

Our [Abpromise guarantee](#) covers the use of **ab83118** 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
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. pH: 6.80 Constituents: 0.1% Bromophenol blue, 1% SDS, 0.77% DTT, 0.395% Tris HCl, 2.5% Glycerol  1x Laemmli Buffer (2.5% Glycerol, 1% SDS, 0.1% Bromophenol blue, 50mM DTT, 25mM Tris HCl, pH 6.8)
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### 関連情報

機能	Cleaves the membrane-bound precursor of TNF-alpha at '76-Ala-Val-77' to its mature soluble form. Responsible for the proteolytical release of soluble JAM3 from endothelial cells surface. Responsible for the proteolytic release of several other cell-
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surface proteins, including heparin-binding epidermal growth-like factor, ephrin-A2 and for constitutive and regulated alpha-secretase cleavage of amyloid precursor protein (APP). Contributes to the normal cleavage of the cellular prion protein. Involved in the cleavage of the adhesion molecule L1 at the cell surface and in released membrane vesicles, suggesting a vesicle-based protease activity. Controls also the proteolytic processing of Notch and mediates lateral inhibition during neurogenesis.

<b>組織特異性</b>	Expressed in spleen, lymph node, thymus, peripheral blood leukocyte, bone marrow, cartilage, chondrocytes and fetal liver.
<b>配列類似性</b>	Contains 1 disintegrin domain. Contains 1 peptidase M12B domain.
<b>ドメイン</b>	The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.
<b>翻訳後修飾</b>	The precursor is cleaved by a furin endopeptidase.
<b>細胞内局在</b>	Cell membrane. Endomembrane system. Is localized in the plasma membrane but is predominantly expressed in the Golgi apparatus and in released membrane vesicles derived likely from the Golgi.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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