

# ACE2 peptide ab198988

**1 References** [画像数 1](#)

### 製品の詳細

製品名	ACE2 peptide
アクセッション番号	<b><u>Q9BYF1</u></b>
Animal free	No
由来	Synthetic

### 特性

Our **Abpromise guarantee** covers the use of **ab198988** 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-ACE2 antibody [EPR4435(2)] ( <b><u>ab108252</u></b> )
製品の状態	Lyophilized
備考	<p>This is the blocking peptide for <b><u>ab108252</u></b></p> <ul style="list-style-type: none"> <li>- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.</li> <li>- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.</li> <li>- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.</li> <li>- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.</li> <li>- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.</li> </ul>

### 前処理および保存

保存方法および安定性	Shipped at 4°C. Store at -20°C.
	Information available upon request.

### 関連情報

機能	Carboxypeptidase which converts angiotensin I to angiotensin 1-9, a peptide of unknown function,
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and angiotensin II to angiotensin 1-7, a vasodilator. Also able to hydrolyze apelin-13 and dynorphin-13 with high efficiency. May be an important regulator of heart function. In case of human coronaviruses SARS and HCoV-NL63 infections, serve as functional receptor for the spike glycoprotein of both coronaviruses.

#### 組織特異性

Expressed in endothelial cells from small and large arteries, and in arterial smooth muscle cells. Expressed in lung alveolar epithelial cells, enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level). Expressed in heart, kidney, testis, and gastrointestinal system.

#### 配列類似性

Belongs to the peptidase M2 family.

#### 翻訳後修飾





N-glycosylation on Asn-90 may limit SARS infectivity.

#### 細胞内局在

Secreted and Cell membrane.

## 画像

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ACE2 peptide (ab198988)

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