

## Product datasheet

# Human Amylin peptide ab103557

### 製品の概要

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**製品名** Human Amylin peptide

### 製品の詳細

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**由来** Synthetic

### アミノ酸配列

**生物種** Human

### 特性

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Our [Abpromise guarantee](#) covers the use of **ab103557** 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-Amylin antibody ([ab77387](#))

**精製度** 70 - 90% by HPLC.

**製品の状態** Liquid

**備考**

- 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.
- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- 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.
- 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.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

### 前処理および保存

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**保存方法および安定性** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Information available upon request.

## 関連情報

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機能	Selectively inhibits insulin-stimulated glucose utilization and glycogen deposition in muscle, while not affecting adipocyte glucose metabolism.
配列類似性	Belongs to the calcitonin family.
ドメイン	The mature protein is largely unstructured in the absence of a cognate ligand, and has a strong tendency to form fibrillar aggregates. Homodimerization may be the first step of amyloid formation.
翻訳後修飾	Amyloid fibrils are degraded by IDE.
細胞内局在	Secreted.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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