

## Product datasheet

# Recombinant *E. coli* hchA protein ab125776

### 製品の概要

製品名	Recombinant <i>E. coli</i> hchA protein
タンパク質長	Full length protein

### 製品の詳細

由来	Recombinant
由来	Escherichia coli

### アミノ酸配列

アクセッション番号 [P31658](#)

生物種 Escherichia coli

配列  
 MGSSHHHHHH SSGLVPRGSH MTVQTSKNPQ  
 VDIAEDNAFF PSEYSLSQYT SPVSDLGVD  
 YPKPYRGKHK ILVIAADERY LPTDNGKLF  
 TGNHPIETLL PLYHLHAAGF EFEVATISGL  
 MTKFEYWAMP HKDEKVMPPF EQHKSLFRNP  
 KKLADVVASL NADSEYAAIF VPGGHGALIG  
 LPESQDVAAA LQWAIKDRF VISLCHGPAA  
 FLALRHGDNP LNGYSICAFP DAADKQTPEI  
 GYMPGHLTWY FGEELKKMG M NIINDDITGR  
 VHKDRKLLTG DSPFAANALG KLAAQEMLAA YAG

分子量 33 kDa including tags

領域 1 to 283

タグ His tag N-Terminus

### 特性

Our [Abpromise guarantee](#) covers the use of **ab125776** 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 SDS-PAGE

精製度 > 95 % SDS-PAGE.  
 ab125776 is purified by proprietary chromatographic techniques.

製品の状態 Liquid

## 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.

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol, 0.58% Sodium chloride

## 関連情報

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### 機能

Uses temperature-induced exposure of structured hydrophobic domains to capture and stabilize early unfolding protein intermediates under severe thermal stress. It rapidly releases them once stress has abated.

### 配列類似性

Belongs to the peptidase C56 family. HchA subfamily.

### ドメイン

Consists of a large A domain and a smaller P domain connected by a linker. The thermally induced motion of the flexible linker-loop region leads to the uncovering of a high-affinity substrate-binding site that is essential to capture nonnative proteins at high temperatures.

### 細胞内局在

Cytoplasm.

**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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