

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

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

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.

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