

Product datasheet

Recombinant *S. pyogenes* htrA protein (His tag)
 ab190416

1 Image

Overview

Product name	Recombinant <i>S. pyogenes</i> htrA protein (His tag)
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Species	Streptococcus pyogenes
Sequence	TQLTQKSSVNNSNNNSTITQTA YKNENSTTQAVNKVKDAVVS VITYSANR QNSVFGNDDTDTDSQRISSEGS GVYKKNDKEAYVTNNH VINGASKVDI RLSDGTKVPGEIVGADTFSDI AVVKISSEKVTTVAEFGDSSKLTVGET AIAIGSPLGSEYANTVTQGMV SSLNRNVSLKSEDGQAISTKAIQTD TAIN PGNSGGPLINIQQQVIGITSSKI ATNGGTSVEGLGFAIPANDAINIEQL EKNGKVTRPALGIQMVNLSNV STDIRRLNIPSNVTSGVVVRSVQSNMPA NGHLEKYDVITKVDDKEIASST DLQSALYNHSIGDTIKITYYRNGKEETT SIKLNKSSGDLES

Molecular weight	41 kDa including tags
Amino acids	33 to 393
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab190416** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot SDS-PAGE
Purity	> 85 % Densitometry.
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Preservative: 1.02% Imidazole

Constituents: 0.79% Tris HCl, 1.74% Sodium chloride, 10% Glycerol

General Info

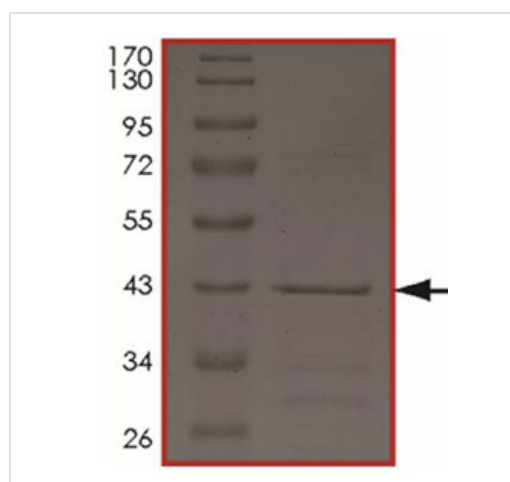
Relevance

htrA belongs to a serine type Deg peptidase family, widespread among bacteria and eukaryotes. This family includes three related members htrA (DegP), HhoA (DegQ) and HhoB (DegS). htrA is a highly hydrophilic protein and probably resides in a soluble compartment. The functions of htrA in cyanobacteria are not studied yet, however, in *E. coli*, htrA is a heat stress protein that functions in a homohexameric state in the periplasm.

Cellular localization

Periplasm

Images



SDS-PAGE analysis of ab190416

SDS-PAGE - *S. pyogenes* htrA full length protein
(ab190416)

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

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors