

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 YKNENSTTQAVNKVKDAVVSVITYSANR QNSVFGNDDTDTDSQRISSEGSVYKKNKNDKEAYVTNNHVIINGASKVDI RLSDGTKVPGEIVGADTFSDIAVVKISSEKVTVAEFGDSSKLTVGET AIAIGSPLGSEYANTVTQGMVSSLNRNVSLKSEDGQAISTKAIQTD TAIN PGNSGGPLINIQQQVIGITSSKIATNGGTSVEGLGFAIPANDAINIEQL EKNGKVTRPALGIQMVNLSNVSTDIRRLNIPSNVTSGVVVRSVQSNMPA NGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETT 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

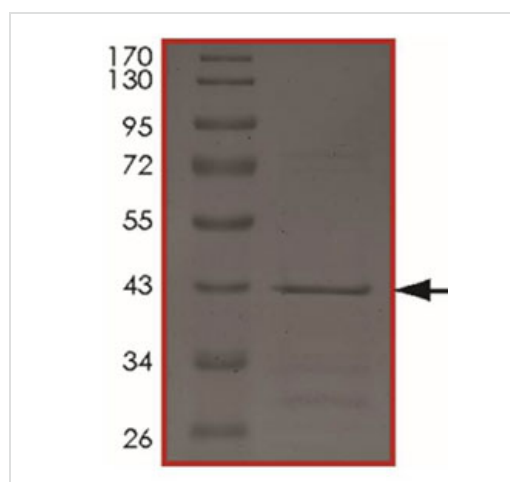
Relevance

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)

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