

Product datasheet

Recombinant htrA (mutated S234 A) protein ab191462

1 Image

Description

Product name	Recombinant htrA (mutated S234 A) protein
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	B8ZQD0
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Streptococcus
Predicted molecular weight	40 kDa including tags
Amino acids	33 to 393
Modifications	mutated S234
Tags	His tag N-Terminus
Additional sequence information	Full length mature form, not including the signal peptide. This protein has a serine protease dead mutation. Species: Streptococcus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab191462** in the following tested applications.

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

Applications	SDS-PAGE
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 Preservative: 1.02% Imidazole Constituents: 0.79% Tris HCl, 1.74% Sodium chloride, 10% Glycerol
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General Info

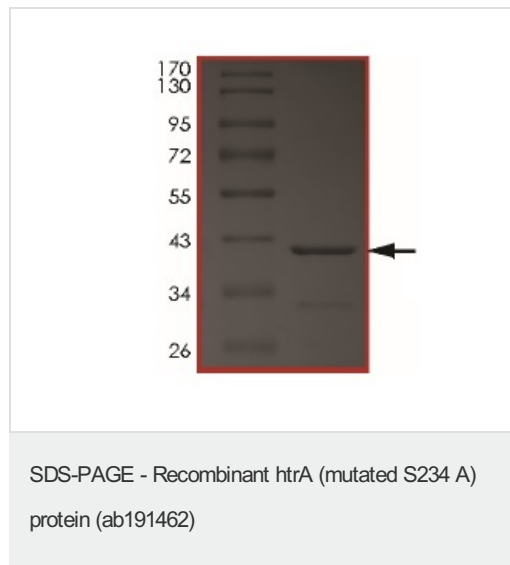
Relevance

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



The purity of ab191462 was determined to be >95% by densitometry. Approximate MW is 40 kDa..

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