

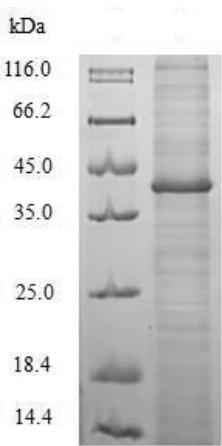
Product datasheet

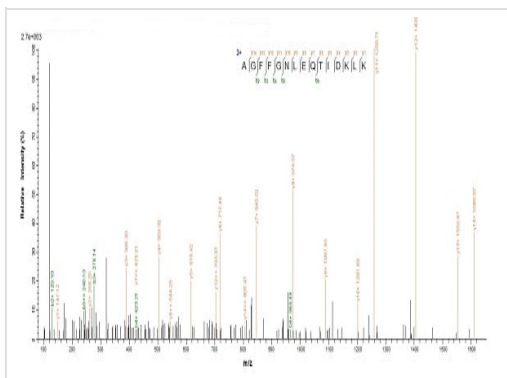
Recombinant Helicobacter pylori CagA protein (Tagged) ab224836

2 References 3 Images

Description	
Product name	Recombinant Helicobacter pylori CagA protein (Tagged)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<b><u>P80200</u></b>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Helicobacter pylori
Sequence	KVNAKIDRLNQIASGLGVVGQAAGFPLKRHDKVDDL SKV GLSRNQELA QK IDNLNQAVSEAKAGFFGNLEQTIDKLKDSTKHNP MNLWVE SAKKVPASLS AKLDNYATNSHIRINSNIKNGAINEKATGMLTQKNPEWLKLV NDKIVAHN VGSVPLSEYDKIGFNQKNMKDYSDSFKFSTKLNN AVKDT NSGFTQFLTNA FSTASYCLARENAEHGIKNVNTKGGFQKS
Predicted molecular weight	41 kDa including tags
Amino acids	918 to 1147
Tags	His tag N-Terminus
Additional sequence information	6xHis-SUMO tag at the N-terminus.

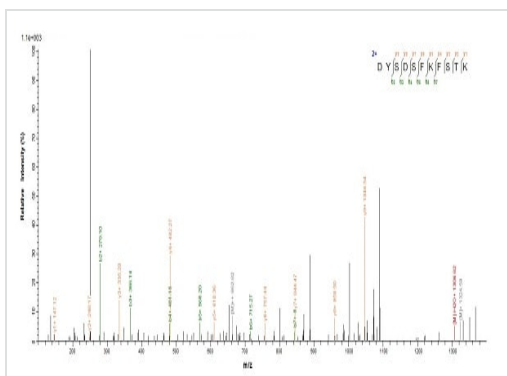
Specifications	
Our <b>Abpromise guarantee</b> covers the use of <b>ab224836</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	LC-MS/MS

Form	Liquid
Preparation and Storage	
Stability and Storage	<p>Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.</p> <p>pH: 7.2</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), Tris buffer</p>
General Info	
Relevance	<p>It is known that <i>H. pylori</i> strains exhibit a significant degree of diversity. The great variability in the <i>H. pylori</i> genome may explain why not all infected individuals suffer from ulcer. Some <i>H. pylori</i> strains contain particular pathogenic genes such as cytokine associated gene A (CagA), while others lack these genes. The CagA protein of <i>H. pylori</i> has been found to be associated with more severe clinical manifestations, such as ulcer disease and gastric cancer. Thus, discrimination between potentially virulent strains may be relevant.</p>
Images	
	<p>(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis of ab224836 with 5% enrichment gel and 15% separation gel.</p>
SDS-PAGE - Recombinant Helicobacter pylori CagA protein (Tagged) (ab224836)	



Mass Spectrometry - Recombinant *Helicobacter pylori* CagA protein (Tagged) (ab224836)

Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of ab224836 could indicate that this peptide derived from E.coli-expressed *Helicobacter pylori* (*Campylobacter pylori*) cagA.



Mass Spectrometry - Recombinant *Helicobacter pylori* CagA protein (Tagged) (ab224836)

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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