



# Recombinant Helicobacter pylori CagA Antigen [His] (DAG-WT342)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	A DNA sequence encoding the Helicobacter pylori CagA (a.a 600 to a.a. 1183) was expressed with a polyhistidine tag at the C-terminus.
<b>Purity</b>	> 90% , as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	WB/ELISA
<b>Molecular Weight</b>	70 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	100 µg
<b>Buffer</b>	20 mM Tris-HCl pH 8.0; 500 mM NaCl; 8M Urea
<b>Preservative</b>	None
<b>Storage</b>	Store at -80°C. Avoid multiple freeze/thaw cycles.

## BACKGROUND

<b>Introduction</b>	Helicobacter pylori virulence factor CagA (cytotoxin-associated gene A) is a 120–145kDa protein encoded on the 40kb cag pathogenicity island (PAI). H. pylori strains can be divided into CagA positive or negative strains. Approximately 60% of H. pylori strains isolated in Western countries carry cag PAI, whereas almost all of the East Asian isolates are cag PAI-positive.
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**Keywords**

*Helicobacter pylori*; CagA; Hp

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