

Recombinant H. pylori CagA Protein

Cat. No. CagA-25H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This recombinant protein contains immunodominant regions of H. pylori CagA protein with a MW of 38 kDa. It is recognized by positive samples in ELISA tests.
Species	H.pylori
Source	E.coli
Description	It is known that H. pylori strains exhibit a significant degree of diversity. The great variability in the H. pylori genome may explain why not all infected individuals suffer from ulcer. Some H. pylori strains contain particular pathogenic genes such as cytokine associated gene A (CagA), while others lack these genes. The CagA protein of H. pylori 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.
Form	Affinity purified, liquid
Molecular Mass	38 kDa
Purity	>90% pure by SDS-PAGE
Applications	Suitable for use in ELISA, Lateral Flow, WB, and other immune tests.
Storage	Upon receipt, quick spin before open vial, aliquot and store at ≤ -20 centigrade. Avoid multiple freeze/thaw cycles

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Storage Buffer	PBS, pH 7.3
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Preservative	0.1% ProClin 300
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GENE INFORMATION

Synonyms	120 kDa; CAG pathogenicity island protein 26; cag26; cagA; cai; Cytotoxicity-associated immunodominant antigen; H. pylori CagA; H. pylori cytokine associated gene A; Helicobacter pylori cytokine associated gene A
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