9051 Mira Mesa Blvd, #910094
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Omp Pylori

Helicobacter Pylori Outer Membrane Protein Recombinant
VAG0408

Product Overview

Name	Omp Pylori

Description

Helicobacter Pylori Outer Membrane Protein Recombinant

Introduction

Helicobacter pylori, a Gram-negative, microaerophilic bacterium that populates in the stomach, predominantly at the antrum. Helicobacter pylori causes a chronic inflammation of the mucoid lining of stomach and is highly related to the growth of duodenal and gastric ulcers and stomach cancer. Over 50% of the world's population harbor H. pylori in their upper gastrointestinal tract, infection is more prevalent in developing countries. Thus far, no ideal target H. pylori antigen has been developed for the diagnostic purpose. 23 kDa H. pylori outer membrane protein was identified with a good sensitivity and coverage in the diagnosis of H. pylori infection.

Source

E.Coli

Physical Appearance

Sterile filtered liquid formulation.

Formulation

The Omp Pylori recombinant protein is formulated in 1xPBS pH 7.4.

Stability

Omp Pylori although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Purity

Greater than 95% pure as determined by 12% PAGE (Coomassie staining).

Amino acid sequence

MLVTKLAPDFKAPAVLGNNEVDEHFELSKNLGKNGAILFFWP KDFTFVCPTEIIAFDKRVKDF Q EKGFNVIGVSIDSEQVHFAWK NTPVEKGGIGQVTFPMVADITKSISRDYDVLFEEAIALRGAFLI DKNMKVRHAVINDLPLGRNADEMLRMVDALLHFEEHGEVCP AGWRKGDKGMKATHQGVAEYLKENSIKL.

Purification Method

Purified by proprietary chromatographic technique.

Precautions

Omp Pylori is for research use only and not for use in diagnostic or therapeutic procedures.

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