
Product Data Sheet

Product Name: Omp Pylori
Cat. No.: GP24097
Batch No.: 1

Product Data

Purity >98% Source
Physical Appearance solid Shipping Condition

Amino Acid Sequence MLVTKLAPDFKAPAVLGNNEVDEHFELSKNLGKNGAILFFWPKDFTFVCPTEIIAFDKRVKDFQEKGFNVIGVVSIDSEQVHFAWKNTPEKGGIGQVTFPI

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

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.

Stability

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

Background

Omp Pylori recombinant antigen is produced in E. coli expressing the H. pylori outer membrane protein having the Mw of 23 kDa. Omp Pylori recombinant antigen is well recognized by specific IgG and IgM from H. pylori infected patients.

Caution: Product has not been fully validated for medical applications. For research use only.

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