

Inosine Monophosphate Dehydrogenase from Staphylococcus aureus, Recombinant

Cat. No. NATE-1739

Lot. No. (See product label)

Introduction

Description E.coli

Applications IMPDH is a recombinant protein of ca. 53kDa cloned by PCR amplification of guaB gene of Staphylococcus aureus and expressed in E.coli.

Synonyms inosine-5'-phosphate dehydrogenase; inosinic acid dehydrogenase; inosinate dehydrogenase; inosine 5'-monophosphate dehydrogenase; inosine monophosphate dehydrogenase; IMP oxidoreductase; inosine monophosphate oxidoreductase; IMP dehydrogenase; IMP:NAD⁺ oxidoreductase; EC 1.1.1.205; IMPDH

Product Information

Species IMPDH2

Source S. aureus

EC Number EC 1.1.1.205

CAS No. 9028-93-7

Molecular Weight 53kDa

Activity ≥ 0.3 unit/mg protein

Unit Definition One unit of IMPDH converts 1.0 μmole of IMP and NAD to XMP and NADH per minute at pH 8 at 37°C.

Usage and Packaging

Package stable lyophilized form