

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
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