

IMPDH2 抗原（重组蛋白）

中文名称： IMPDH2 抗原（重组蛋白）

英文名称： IMPDH2 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

别 名： IMP (inosine 5'-monophosphate) dehydrogenase 2; IMPD2; IMPDH-II

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 114-237 amino acids of human IMPDH2

技术规格

Full name:	IMP (inosine 5'-monophosphate) dehydrogenase 2
Synonyms:	IMPD2; IMPDH-II
Swissprot:	P12268
Gene Accession:	BC006124
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes the rate-limiting enzyme in the de novo guanine nucleotide biosynthesis. It is thus involved in maintaining cellular guanine deoxy- and ribonucleotide pools needed for DNA and RNA synthesis. The encoded protein catalyzes the NAD-dependent oxidation of inosine-5'-monophosphate into xanthine-5'-monophosphate, which is then converted into guanosine-5'-monophosphate. This gene is up-regulated in some neoplasms, suggesting it may play a role in

malignant transformation.