

DPYD 抗原（重组蛋白）

中文名称： DPYD 抗原（重组蛋白）

英文名称： DPYD Antigen (Recombinant Protein)

别名： DHP; DPD; DHPDHASE

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	dihydropyrimidine dehydrogenase
Synonyms:	DHP; DPD; DHPDHASE
Swissprot:	Q12882
Gene Accession:	BC008379
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a pyrimidine catabolic enzyme and the initial and rate-limiting factor in the pathway of uracil and thymidine catabolism. Mutations in this gene result in dihydropyrimidine dehydrogenase deficiency, an error in pyrimidine metabolism associated with thymine-uraciluria and an increased risk of toxicity in cancer patients receiving 5-fluorouracil chemotherapy. Two transcript variants encoding different isoforms have been found for this gene.