

DCTD 抗原（重组蛋白）

中文名称： DCTD 抗原（重组蛋白）

英文名称： DCTD Antigen (Recombinant Protein)

别名： dCMP deaminase

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 1-178 amino acids of human DCTD

技术规格

Full name:	dCMP deaminase
Swissprot:	P32321
Gene Accession:	BC001286
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 catalyzes the deamination of dCMP to dUMP, the nucleotide substrate for thymidylate synthase. The encoded protein is allosterically activated by dCTP and inhibited by dTTP, and is found as a homohexamer. This protein uses zinc as a cofactor for its activity. Two transcript variants encoding different isoforms have been found for this gene.