

DHFR 抗原（重组蛋白）

中文名称：DHFR 抗原（重组蛋白）

英文名称：DHFR Antigen (Recombinant Protein)

别名：DYR; DHFRP1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 2-187 amino acids of human DHFR

技术规格：

Full name:	dihydrofolate reductase
Synonyms:	DYR; DHFRP1
Swissprot:	P00374
Gene Accession:	BC000192
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Dihydrofolate reductase converts dihydrofolate into tetrahydrofolate, a methyl group shuttle required for the de novo synthesis of purines, thymidylic acid, and certain amino acids. While the functional dihydrofolate reductase gene has been mapped to chromosome 5, multiple intronless processed pseudogenes or dihydrofolate reductase-like genes have been identified on separate chromosomes. Dihydrofolate reductase deficiency has

been linked to megaloblastic anemia. Several transcript variants encoding different isoforms have been found for this gene.