

CYP21A2 抗原（重组蛋白）

中文名称： CYP21A2 抗原（重组蛋白）

英文名称： CYP21A2 Antigen (Recombinant Protein)

别名： CAH1; CPS1; CA21H; CYP21; CYP21B; P450c21B

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	cytochrome P450, family 21, subfamily A, polypeptide 2
Synonyms:	CAH1; CPS1; CA21H; CYP21; CYP21B; P450c21B
Swissprot:	P08686
Gene Accession:	BC128535
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 a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and hydroxylates steroids at the 21 position. Its activity is required for the synthesis of steroid hormones including cortisol and aldosterone. Mutations in this gene cause congenital adrenal hyperplasia. A related pseudogene is located near this gene; gene conversion events involving the functional gene and the pseudogene are thought to account for many cases of steroid 21-hydroxylase deficiency.

e deficiency. Two transcript variants encoding different isoforms have been found for this gene.