

CYP17A1 抗原（重组蛋白）

中文名称： CYP17A1 抗原（重组蛋白）

英文名称： CYP17A1 Antigen (Recombinant Protein)

别名： CPT7; CYP17; S17AH; P450C17

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from C terminal 250 amino acids of human CYP17A1

技术规格：

Full name:	cytochrome P450, family 17, subfamily A, polypeptide 1
Synonyms:	CPT7; CYP17; S17AH; P450C17
Swissprot:	P05093
Gene Accession:	BC063388
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. It has both 17alpha-hydroxylase and 17,20-lyase activities and is a key enzyme in the steroidogenic pathway that produces progesterone, mineralocorticoids, glucocorticoids, androgens, and estrogens. Mutations in this gene are associated with isolated steroid-17

alpha-hydroxylase deficiency, 17-alpha-hydroxylase/17,20-lyase deficiency, pseudohermaphroditism, and adrenal hyperplasia.