

CYP27A1 抗原（重组蛋白）

中文名称： CYP27A1 抗原（重组蛋白）

英文名称： CYP27A1 Antigen (Recombinant Protein)

别 名： CTX; CP27; CYP27

储 存： 冷冻（-20℃）

相关类别： 抗原

概 述：

Fusion protein corresponding to a region derived from C terminal 300 amino acids of human CYP27A1

技术规格：

Full name:	cytochrome P450, family 27, subfamily A, polypeptide 1
Synonyms:	CTX; CP27; CYP27
Swissprot:	Q02318
Gene Accession:	BC051851
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 mitochondrial protein oxidizes cholesterol intermediates as part of the bile synthesis pathway. Since the conversion of cholesterol to bile acids

is the major route for removing cholesterol from the body, this protein is important for overall cholesterol homeostasis. Mutations in this gene cause cerebrotendinous xanthomatosis, a rare autosomal recessive lipid storage disease.