

Recombinant Human CYP17A1

Catalog No: #GP11423



Package Size: #GP11423-1 100ug

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Description

Product Name	Recombinant Human CYP17A1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from C terminal 250 amino acids of human cytochrome P450, family 17, subfamily A, polypeptide 1
Target Name	cytochrome P450, family 17, subfamily A, polypeptide 1
Other Names	CPT7; CYP17; S17AH; P450C17
Accession No.	Swissprot:P05093Gene Accession:BC063388
Uniprot	P05093
GenID	1586;
Storage	-20~-80°C, pH 7.6 PBS

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 17 α -hydroxylase and 17,20-lyase activities and is a key enzyme in the steroidogenic pathway that produces progestins, mineralocorticoids, glucocorticoids, androgens, and estrogens. Mutations in this gene are associated with isolated steroid-17 α -hydroxylase deficiency, 17- α -hydroxylase/17,20-lyase deficiency, pseudohermaphroditism, and adrenal hyperplasia.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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