

Recombinant Human CYP11B1

Catalog No: #GP11419



Package Size: #GP11419-1 100ug

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Description

Product Name	Recombinant Human CYP11B1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from C terminal 250 amino acids of human cytochrome P450, family 11, subfamily B, polypeptide 1
Target Name	cytochrome P450, family 11, subfamily B, polypeptide 1
Other Names	FHI; CPN1; CYP11B; P450C11
Accession No.	Swissprot:P15538Gene Accession:BC096285
Uniprot	P15538
GenID	1584;
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 mitochondrial inner membrane and is involved in the conversion of progesterone to cortisol in the adrenal cortex. Mutations in this gene cause congenital adrenal hyperplasia due to 11-beta-hydroxylase deficiency. Transcript variants encoding different isoforms have been noted for this gene.

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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