

Recombinant Human CYP1B1

Catalog No: #GP10345



Package Size: #GP10345-1 100ug

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Description

Product Name	Recombinant Human CYP1B1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human cytochrome P450, family 1, subfamily B, polypeptide 1
Target Name	Cytochrome P450, family 1, subfamily B, polypeptide 1
Other Names	CP1B; GLC3A; CYPIB1; P4501B1
Accession No.	Swissprot:Q16678Gene Accession:BC012049
Uniprot	Q16678
GenID	1545;
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. The enzyme encoded by this gene localizes to the endoplasmic reticulum and metabolizes procarcinogens such as polycyclic aromatic hydrocarbons and 17beta-estradiol. Mutations in this gene have been associated with primary congenital glaucoma; therefore it is thought that the enzyme also metabolizes a signaling molecule involved in eye development, possibly a steroid.

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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