

Recombinant Human CYP27A1

Catalog No: #GP11420



Package Size: #GP11420-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human CYP27A1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from C terminal 300 amino acids of human cytochrome P450, family 27, subfamily A, polypeptide 1
Target Name	cytochrome P450, family 27, subfamily A, polypeptide 1
Other Names	CTX; CP27; CYP27
Accession No.	Swissprot:Q02318Gene Accession:BC051851
Uniprot	Q02318
GenID	1593;
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 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.

References

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

Note: This product is for in vitro research use only