

Recombinant Human CYP4V2 cell lysate

Cat. No. CYP4V2-440HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a member of the cytochrome P450 hemethiolate protein superfamily which are involved in oxidizing various substrates in the metabolic pathway. It is implicated in the metabolism of fatty acid precursors into n-3 polyunsaturated fatty acids. Mutations in this gene result in Bietti crystalline corneoretinal dystrophy.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CYP4V2 cytochrome P450, family 4, subfamily V, polypeptide 2 [Homo sapiens]
Official Symbol	CYP4V2
Synonyms	CYP4V2; cytochrome P450, family 4, subfamily V, polypeptide 2; cytochrome P450 4V2; CYP4AH1; BCD; FLJ18432; MGC43534;

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Gene ID	285440
mRNA Refseq	NM_207352
Protein Refseq	NP_997235
MIM	608614
UniProt ID	Q6ZWL3
Chromosome Location	4q35.2
Function	electron carrier activity; heme binding; metal ion binding; monooxygenase activity; oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen;

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