

Recombinant Human CYP2J2 Protein

Cat. No. CYP2J2-80H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CYP2J2 protein and CYP-reductase without tag were coexpressed in E. coli.
Species	Human
Source	E.coli
Description	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 and is thought to be the predominant enzyme responsible for epoxidation of endogenous arachidonic acid in cardiac tissue. Multiple transcript variants have been found for this gene.

GENE INFORMATION

Gene Name	CYP2J2 cytochrome P450 family 2 subfamily J member 2 [Homo sapiens (human)]
Official Symbol	CYP2J2
Synonyms	CYP2J2; cytochrome P450 family 2 subfamily J member 2; CPJ2; CYP11J2; cytochrome P450 2J2; albandazole monooxygenase (hydroxylating); albandazole monooxygenase (sulfoxide-forming); arachidonic acid epoxygenase; cytochrome P450, family 2, subfamily J, polypeptide 2; cytochrome P450, subfamily I1J (arachidonic acid epoxygenase) polypeptide 2; flavoprotein-linked monooxygenase;

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hydroperoxy icosatetraenoate isomerase; microsomal monooxygenase

Gene ID 1573**mRNA Refseq** NM_000775**Protein Refseq** NP_000766**MIM** 601258**UniProt ID** P51589 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA