

Recombinant Human CYP2J2 Protein, GST-tagged

Cat. No. CYP2J2-2268H **Lot. No.** (See product label)

SPECIFICATION

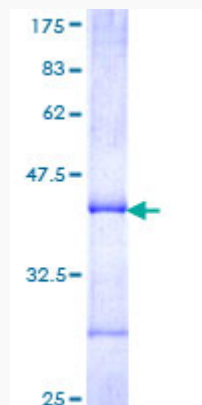
Product Overview	Human CYP2J2 partial ORF (NP_000766, 408 a.a. - 498 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze 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. [provided by RefSeq, Jan 2016]
Molecular Mass	35.75 kDa
AA Sequence	LHRDPTIEWATPDTFNPDHFLENGQFKKREAFMPFSIGKRACLGEQLARTELFIFFTS LMQKFTFRPPNNEKLSLKFRMGITISPVSHRLCA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CYP2J2 cytochrome P450, family 2, subfamily J, polypeptide 2 [Homo sapiens]
Official Symbol	CYP2J2
Synonyms	CYP2J2; cytochrome P450, family 2, subfamily J, polypeptide 2; cytochrome P450, subfamily IIJ (arachidonic acid epoxygenase) polypeptide 2; cytochrome P450 2J2; CYP11J2; microsomal monooxygenase; arachidonic acid epoxygenase; flavoprotein-linked monooxygenase; CPJ2;
Gene ID	1573
mRNA Refseq	NM_000775
Protein Refseq	NP_000766
MIM	601258
UniProt ID	P51589

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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