

Product datasheet for TP307417

Cytochrome p450 2J2 (CYP2J2) (NM_000775) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cytochrome P450, family 2, subfamily J, polypeptide 2 (CYP2J2)
Species:	Human
Expression Host:	HEK293T
Tag:	C-Myc/DDK
Predicted MW:	57.4 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000766
Locus ID:	1573
RefSeq Size:	1876
Cytogenetics:	1p32.1
RefSeq ORF:	1506
Synonyms:	CPJ2; CYP11J2
Summary:	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]

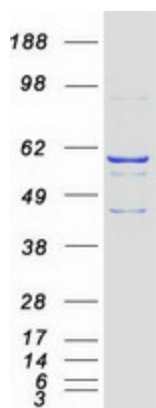


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Protein Families: Druggable Genome, P450, Transmembrane

Protein Pathways: Arachidonic acid metabolism, Linoleic acid metabolism, Metabolic pathways

Product images:



Coomassie blue staining of purified CYP2J2 protein (Cat# TP307417). The protein was produced from HEK293T cells transfected with CYP2J2 cDNA clone (Cat# [RC207417]) using MegaTran 2.0 (Cat# [TT210002]).