

Recombinant Human CYP2C18 Protein, MYC/DDK-tagged

Cat. No. CYP2C18-3396H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYP2C18 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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 but its specific substrate has not yet been determined. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. An additional gene, CYP2C17, was once thought to exist; however, CYP2C17 is now considered an artefact based on a chimera of CYP2C18 and CYP2C19. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	CYP2C18 cytochrome P450, family 2, subfamily C, polypeptide 18 [Homo sapiens]
Official Symbol	CYP2C18
Synonyms	CPCI; CYP2C; CYP2C17; P450-6B/29C; P450IIC17
Gene ID	1562
mRNA Refseq	NM_000772
Protein Refseq	NP_000763
MIM	601131
UniProt ID	P33260

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