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# Cytochrome P450 2A5

National Cancer Institute

## Source

National Cancer Institute. *Cytochrome P450 2A5*. NCI Thesaurus. Code C18024.

Mouse cytochrome P450 2a5 protein (494 aa, 57 kD) is encoded by the mouse Cyp2a5 gene. This enzyme is an unspecific, membrane-bound, monooxygenase located in the endoplasmic reticulum. It catalyzes the metabolism of a variety of substrates including fatty acids, steroids and xenobiotics.