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# Arachidonate 5-Lipoxygenase

National Cancer Institute

## Source

National Cancer Institute. *Arachidonate 5-Lipoxygenase*. NCI Thesaurus. Code C68729.

Arachidonate 5-lipoxygenase protein (674 aa, ~78 kDa) is encoded by the human ALOX5 gene. This protein plays a role in the synthesis of leukotrienes from arachidonic acid; thus, it mediates both inflammation and allergen responses.