

Recombinant Human ALOX5AP Protein, GST-tagged

Cat. No. ALOX5AP-488H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALOX5AP full-length ORF (AAH18538, 1 a.a. - 161 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	<p>This gene encodes a protein which, with 5-lipoxygenase, is required for leukotriene synthesis. Leukotrienes are arachidonic acid metabolites which have been implicated in various types of inflammatory responses, including asthma, arthritis and psoriasis.</p> <p>This protein localizes to the plasma membrane. Inhibitors of its function impede translocation of 5-lipoxygenase from the cytoplasm to the cell membrane and inhibit 5-lipoxygenase activation. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Feb 2011]</p>
Molecular Mass	43.45 kDa
AA Sequence	MDQETVGNVLLAIVTLISVVQNGFFAHKVEHESRTQNGRSFQRTGTLAFERVYTAN QNCVDAYPTFLAVLWSAGLLCSQVPAAFAGLMYLFVRQKYFVGYLGERTQSTPGYI FGKRIILFLFLMSVAGIFNYLIFFFGSDFENYIKTISTTISPLLLIP
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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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 ALOX5AP arachidonate 5-lipoxygenase-activating protein [Homo sapiens]

Official Symbol ALOX5AP

Synonyms ALOX5AP; arachidonate 5-lipoxygenase-activating protein; five lipoxygenase activating protein; FLAP; MK 886 binding protein; MK-886-binding protein;

Gene ID 241

mRNA Refseq NM_001204406

Protein Refseq NP_001191335

MIM 603700

UniProt ID P20292

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12.5% SDS-PAGE Stained with Coomassie Blue.

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