

Recombinant Full Length Human ALOX5AP Protein, GST-tagged

Cat. No. ALOX5AP-1482HF **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	In Vitro Cell Free System
ProteinLength	161 amino acids
Description	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. 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]
Molecular Mass	43.45 kDa
AA Sequence	MDQETVGNVV LLAIVTLISV VQNGFFAHKV EHESRTQNGR SFQRTGTLAF ERVYTANQNC VDAYPTFLAV LWSAGLLCSQ VPAAFAGLMY LFVRQKYFVG YLGERTQSTP GYIFGKRIIL FLFLMSVAGI FNYYLIFFFG SDFENYIKTI STTISPLLLI P

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
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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