

Recombinant Full Length Human ALOX5AP Protein

Cat. No. ALOX5AP-22HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length protein, corresponding to amino acids 1-161 of Human FLAP, with an N-terminal proprietary tag, Predicted MWt 43.45 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	161 amino acids
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.</p>
Form	Liquid
Molecular Mass	43.45kDa inclusive of tags
AA Sequence	<p>MDQETVGNVV LLAIIVTLISV VQNGFFAHKV EHESRTQNGR SFQRTGTLAF ERVYTANQNC VDAYPTFLAV LWSAGLLCSQ VPAAFAGLMY LFVRQKYFVG YLGERTQSTP GYIFGKRIL FLFLMSVAGI FNYYLIFFFG SDFENYIKTI STTISPLLLI P</p>

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

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
Gene ID	241
mRNA Refseq	NM_001204406
Protein Refseq	NP_001191335
MIM	603700
UniProt ID	P20292

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