

Arachidonate 5-lipoxygenase-activating protein (ALOX5AP) Recombinant Protein | ALOX5AP recombinant protein

Recombinant Human Arachidonate 5-lipoxygenase-activating protein (ALOX5AP)

CATALOG # AAA230600	HOST Cell Free Expression
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PRODUCT SYNONYMS

Arachidonate 5-lipoxygenase-activating protein (ALOX5AP); Recombinant Human Arachidonate 5-lipoxygenase-activating protein (ALOX5AP); ALOX5AP recombinant protein

PRODUCT SPECIFICATIONS

Host	Cell Free Expression
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	1-161aa; Full Length
Sequence	MDQETVGNVV LLAIVTLISV VQNGFFAHKV EHESRTQNGR SFQRTGTlaf ERVYTANQNC VDAYPTFLAV LWSAGLLCSQ VPAAFAGLMY LFVRQKYFVG YLGERTQSTP GYIFGKRIIL FLFLMSVAGI FNYYLIFFFG SDFENYIKTI STTISPLLLI P
Sequence Length	161
Species	Human
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for ALOX5AP recombinant protein	Required for leukotriene biosynthesis by ALOX5 (5-lipoxygenase). Anchors ALOX5 to the membrane. Binds arachidonic acid, and could play an essential role in the transfer of arachidonic acid to ALOX5. Binds to MK-886, a compound that blocks the biosynthesis of leukotrienes.
Product Categories/Family for ALOX5AP recombinant protein	Transmembrane Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	324711029
NCBI GeneID	241
NCBI Accession #	NP_001191335.1
NCBI GenBank Nucleotide #	NM_001204406.1
UniProt Accession #	P20292 ; Q5VV04
Molecular Weight	34.2 kDa
NCBI Official Full Name	arachidonate 5-lipoxygenase-activating protein isoform 2
NCBI Official Synonym Full Names	arachidonate 5-lipoxygenase activating protein

NCBI Official Symbol	ALOX5AP
NCBI Official Synonym Symbols	FLAP
NCBI Protein Information	arachidonate 5-lipoxygenase-activating protein
UniProt Protein Name	Arachidonate 5-lipoxygenase-activating protein
UniProt Gene Name	ALOX5AP
UniProt Synonym Gene Names	FLAP
UniProt Entry Name	AL5AP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/alox5ap-recombinant-protein-cell-free-expression/230600>