

## Product datasheet for SC119165

### FLAP (ALOX5AP) (NM\_001629) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FLAP (ALOX5AP) (NM_001629) Human Untagged Clone
Tag:	Tag Free
Symbol:	ALOX5AP
Synonyms:	FLAP
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene ORF within SC119165 sequence for NM_001629 edited (data generated by NextGen Sequencing) ATGGATCAAGAACTGTAGGCAATGTTGCCTGTTGGCCATCGTCACCCTCATCAGCGTG GTCCAGAATGGATTCTTTGCCATAAAGTGGAGCACGAAAGCAGGACCCAGAATGGGAGG AGCTTCCAGAGGACCGGAACACTTGCCCTTGAGCGGGTCTACACTGCCAACCAAGACTGT GTAGATGCGTACCCCACTTTCTCGCTGTGCTCTGGTCTGCGGGGCTACTTTGCAGCCAA GTTCTGCTGCGTTTGTGGACTGATGTACTTGTGAGGCAAAAGTACTTTGTCGGT TACCTAGGAGAGAGAACGCAGAGCACCCCTGGCTACATATTTGGGAAACGCATCATACTC TTCCTGTTCTCATGTCCGTTGCTGGCATATTTCACTATTACCTCATCTTCTTTTCGGA AGTGACTTTGAAAACACTACATAAAGACGATCTCCACCACCATCTCCCTCTACTTCTCATT CCCTAA  Clone variation with respect to NM_001629.3



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_001629 unedited TCACAATTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACCAGCAAACATGGATCA AGAAACTGTAGGCAATGTTGTCTGTTGGCCATCGTCACCCTCATCAGCGTGGTCCAGAA TGGATTCTTTGCCATAAAGTGGAGCACGAAAGCAGGACCCAGAATGGGAGGAGCTTCCA GAGGACCGGAACACTTGCCTTTGAGCGGGTCTACACTGCCAACCAAGAACTGTGTAGATGC GTACCCCACTTTCTCGCTGTGCTCTGGTCTGCGGGGCTACTTTGCAGCCAAGTTCCTGC TGCGTTTGTCTGGACTGATGTACTTGTGTTGTGAGGCAAAAGTACTTTGTCGGTTACCTAGG AGAGAGAACGCAGAGCACCCCTGGCTACATATTTGGGAAACGCATCATACTCTTCCTGTT CCTCATGTCCGTTGCTGGCATATTCAACTATTACCTCATCTTCTTTTTCGGAAGTGACTT TGAAAACACATAAAGACGATCTCCACCACCATCTCCCCTCTACTTCTCATTCCCTAACT CTCTGCTGAATATGGGGTTGGTGTCTCATCTAATCAATACCTACAAGTCATCATAATTC AGCTCTTGAGAGCATTCTGCTCTCTTTAGATGGCTGTAATCTATTGGCCATCTGGGCT TCACAGCTTGAGTTAACCTTGTCTTTCCGGGAACAAAATGATGTCATGTCAGCTCCGCC CTTGAACATGACCGTGGCCCCAAATTTGCTATCCCATGCATTTGNTTGGTCTTTCAC TTATCCTGTTCTCTGAAGATGTTTGTGACCAGTTTTGTGGTTCTTTAAATAAAAAGC AGAGACATGTTTTATAAAAAAAAAAAAAAAGTCTGACTCTAGATTGGGGCGCGGTCTAGCTG TTTCTGAACAATCCCGGTGGGAATCCTGTGACCCCTTCCCATGGCTN
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_001629
<b>Insert Size:</b>	800 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>RefSeq:</b>	<a href="#">NM_001629.2</a> , <a href="#">NP_001620.2</a>
<b>RefSeq Size:</b>	873 bp
<b>RefSeq ORF:</b>	486 bp
<b>Locus ID:</b>	241
<b>UniProt ID:</b>	<a href="#">P20292</a>
<b>Domains:</b>	MAPEG
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	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] Transcript Variant: This variant (1) encodes the predominant isoform (1).