

## Product datasheet for **RG203785**

### FLAP (ALOX5AP) (NM\_001629) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FLAP (ALOX5AP) (NM\_001629) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** FLAP  
**Synonyms:** FLAP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG203785 representing NM\_001629  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGATCAAGAACTGTAGGCAATGTTGTCCTGTTGGCCATTGTCACCCTCATCAGCGTGGTCCAGAATG  
GATTCTTTGCCATAAAGTGGAGCACGAAAGCAGGACCCAGAATGGGAGGAGCTTCCAGAGGACCGGAAC  
ACTTGCCCTTGAGCGGGTCTACTGCAACCAGAAGTGTGTAGATGCGTACCCACTTTCCTCGCTGTG  
CTCTGGTCTGCGGGGCTACTTGCAGCCAAGTTCCTGCTGCGTTTCTGGACTGATGTACTTGTGTGA  
GGCAAAAGTACTTGTGCGTTACCTAGGAGAGAGAACGCAGAGCACCCCTGGCTACATATTTGGGAAACG  
CATCATACTCTTCTGTTCTCATGTCCGTTGCTGGCATATTCAACTATTACCTCATCTTCTTTTCGGA  
AGTGACTTTGAAAACACATAAAGACGATCTCCACCACCATCTCCCCTCTACTTCTCATTCCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG203785 representing NM\_001629  
Red=Cloning site Green=Tags(s)

MDQETVGNVLLAIVTLISVVQNGFFAHKVEHESRTQNGRSFQRTGTLAFERVYTANQNCVDAYPTFLAV  
LWSAGLLCSQVPAAFAGLMYLFVRQKYFVGYLGERTQSTPGYIFGKRIILFLFLMSVAGIFNYLIFFFG  
SDFENYIKTISTTISPLLLIP

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI

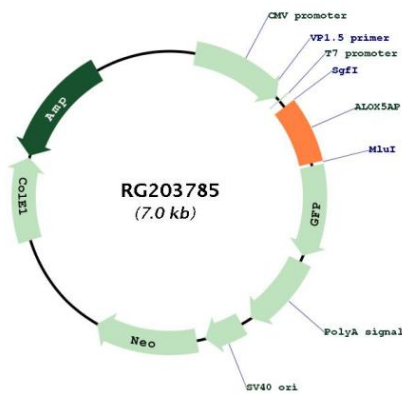


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<b>Cytogenetics:</b>	13q12.3
<b>Domains:</b>	MAPEG
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	This gene encodes a protein which, with 5-lipoxygenase, is required for leukotriene synthesis. Leukotrienes are arachidonic 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]

**Product images:**



Circular map for RG203785