

Product datasheet for **TP303785M**

FLAP (ALOX5AP) (NM_001629) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human arachidonate 5-lipoxygenase-activating protein (ALOX5AP), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC203785 protein sequence Red =Cloning site Green =Tags(s) |
| | MDQETVGNVLLAIVTLISWQNGFFAHKVEHESRTQNGRSFQRTGTLAFERVYTANQNCVDAYPTFLAV LWSAGLLCSQVPAAFAGLMYLFVRQKYFVGYLGERTQSTPGYIFGKRILFLFLMSVAGIFNYLIFFFG SDFENYIKTISTTISPLLLIP TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 18 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_001620 |
| Locus ID: | 241 |
| UniProt ID: | P20292 |



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RefSeq Size: 921

Cytogenetics: 13q12.3

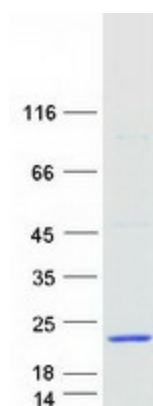
RefSeq ORF: 483

Synonyms: FLAP

Summary: 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]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified ALOX5AP protein (Cat# [TP303785]). The protein was produced from HEK293T cells transfected with ALOX5AP cDNA clone (Cat# [RC203785]) using MegaTran 2.0 (Cat# [TT210002]).