

Product datasheet for **TP501253**

Alox5ap (NM_009663) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse arachidonate 5-lipoxygenase activating protein (Alox5ap), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR201253 protein sequence
Red=Cloning site **Green**=Tags(s)

MDQEAVGNVLLALVTLISVWQNAFFAHKVEHESKAHNGRSFQRTGTLAFERVYTANQNCVDAYPTFLW
LWTAGLLCSQVPAAFAGLMYLFVRQKYFVGYLGERTQSTPGYIFGKRILFLFLMSFAGILNHYLIFFFG
SDFENYIRTVSTTISPLLLIP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 18.1 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

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 after receiving vials.

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_033793](#)

Locus ID: 11690

UniProt ID: [P30355](#)

RefSeq Size: 872

Cytogenetics: 5 G3



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RefSeq ORF: 486

Synonyms: Flap

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]