

## 37-1401: Human FLAP Recombinant Protein (His Tag)(Discontinued)

**Alternative Name :** FLAP, MK-886-binding protein

### Description

**Source:** **Baculovirus-Insect Cells.** Arachidonate 5-Lipoxygenase-Activating Protein (ALOX5AP), also known as FLAP, belongs to the MAPEG family. ALOX5AP/FLAP is an essential partner of 5-LO for this process. The FLAP (ALOX5AP) gene has been linked to risk for myocardial infarction, stroke and restenosis, reigniting pharmaceutical interest in this target. It had been found that ALOX5AP/FLAP is a key enzyme in leukotriene formation, in both human pulmonary microvascular endothelial cells and a transformed human brain endothelial cell line. In addition, the protein FLAP has recently been identified as an emerging target in metabolic disease. In fact, FLAP is overexpressed in the adipose tissue of patients and experimental animals with obesity.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | Human FLAP Recombinant Protein (His Tag)(Discontinued) / 100 µg   |
| <b>Purification :</b>      | > 90 % as determined by SDS-PAGE  |
| <b>Content :</b>           | Lyophilized from sterile 20mM Tris, 150mM NaCl, 10% gly, pH 7.4, 0.5% triton, 5mM DTT. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| <b>Storage condition :</b> | Store it under sterile conditions at -20? to -80?. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                      |
| <b>Amino Acid :</b>        | Met 1-Pro 161   |

### Application Note

Endotoxin:< 1.0 EU per µg protein as determined by the LAL method.

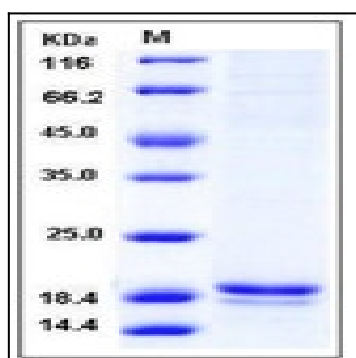


Figure- 1: Human FLAP / FLAP Recombinant Protein (His Tag)