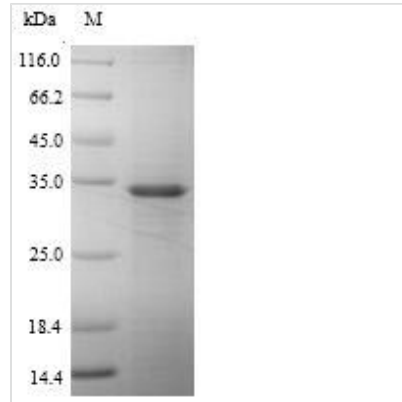




# Recombinant Human Arachidonate 5-lipoxygenase-activating protein(ALOX5AP)

<b>Product Code</b>	CSB-CF001625HU
<b>Relevance</b>	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.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P20292
<b>Storage Buffer</b>	Tris-based buffer?50% glycerol
<b>Product Type</b>	Transmembrane Protein
<b>Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	MDQETVGNVVLLAIIVTLISVVQNGFFAHKVEHESRTQNGRSFQRTGTLAFERV YTANQNCVDAYPTFLAVLWSAGLLCSQVPAAFAGLMYLFVRQKYFVGYLGER TQSTPGYIFGKRILFLFLMSVAGIFNYLIFFFGSDFENYIKTISTTISPLLLIP
<b>Research Area</b>	Cardiovascular
<b>Source</b>	in vitro E.coli expression system
<b>Gene Names</b>	ALOX5AP
<b>Protein Names</b>	FLAP MK-886-binding protein
<b>Expression Region</b>	1-161aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	34.2 kDa
<b>Protein Description</b>	Full Length
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.