

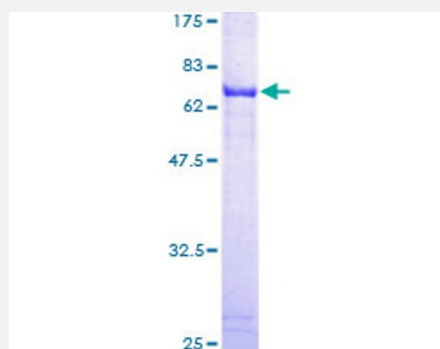
Full-Length

ALOX5AP (Human) Recombinant Protein (P01)

Catalog # H00000241-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ALOX5AP full-length ORF (AAH18538, 1 a.a. - 161 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDQETVGNVLLAMTLISVVQNGFFAHKVEHESRTQNGRSFQRTGTLAFAERVYTANQNCVDAYP TFLAVLWSAGLLCSQVPAAFAGLMYLFVRQKYFVGYLGERTQSTPGYIFGKRILFLFLMSVAGIFNY YLIFFFGSDFFENYKTIISTISPLLLIP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	43.45
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ALOX5AP

Entrez GeneID [241](#)

GeneBank Accession# [BC018538](#)

Protein Accession# [AAH18538](#)

Gene Name ALOX5AP

Gene Alias FLAP

Gene Description arachidonate 5-lipoxygenase-activating protein

Omim ID [601367](#) [603700](#)

Gene Ontology [Hyperlink](#)

Gene 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. [provided by RefSeq]

Other Designations MK-886-binding protein|OTTHUMP00000018204|five-lipoxygenase activating protein

Disease

- [Acute Disease](#)

- [Alzheimer disease](#)
- [Arteriosclerosis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)

- [Glioma](#)
- [Graft Occlusion](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Inflammation](#)
- [Intracranial Arteriosclerosis](#)
- [Ischemia](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Rhinitis](#)
- [Sinusitis](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)
- [Werner syndrome](#)
- [Xanthomatosis](#)