

## Recombinant Human ALOX5AP protein(Met1-Pro161), His-tagged

Cat. No. ALOX5AP-3336H    Lot. No. (See product label)

### SPECIFICATION

**Product Overview**

Recombinant full length of Human ALOX5AP (NP\_001620.2) (Met 1-Pro 161) was expressed in Insect Cells, fused with a polyhistidine tag at the carboxy-terminus.

**Species**

Human

**Source**

Insect Cells

**ProteinLength**

Met1-Pro161

**Form**

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.

**Molecular Mass**

The recombinant human ALOX5AP consists of 167 amino acids and predicts a molecular mass of 19 kDa as estimated in SDS-PAGE under reducing conditions.

**Endotoxin**

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

**Purity**


> 90 % as determined by SDS-PAGE

**Storage**

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** ALOX5AP arachidonate 5-lipoxygenase-activating protein [ Homo sapiens ]

**Official Symbol** ALOX5AP

**Synonyms** ALOX5AP; arachidonate 5-lipoxygenase-activating protein; five lipoxygenase activating protein; FLAP; MK 886 binding protein; MK-886-binding protein;

**Gene ID** 241

**mRNA Refseq** NM\_001204406

**Protein Refseq** NP\_001191335

**MIM** 603700

**UniProt ID** P20292

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