

## Recombinant Human ALOX12 protein, His & T7-tagged

Cat. No. ALOX12-2031H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ALOX12 aa. (Phe352~Cys656 (Accession # P18054)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Phe352~Cys656
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 38.4kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 7.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage Buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

[ALOX12 arachidonate 12-lipoxygenase, 12S type \[ Homo sapiens \(human\) \]](#)

**Official Symbol**

[ALOX12](#)

**Synonyms**

ABCB9; ATP binding cassette subfamily B member 9; TAPL; EST122234; ATP-binding cassette sub-family B member 9; ABC transporter 9 protein; ATP-binding cassette, sub-family B (MDR/TAP), member 9; TAP-like protein

**Gene ID**

[239](#)

**mRNA Refseq**

[NM\\_000697.2](#)

**Protein Refseq**

[NP\\_000688.2](#)

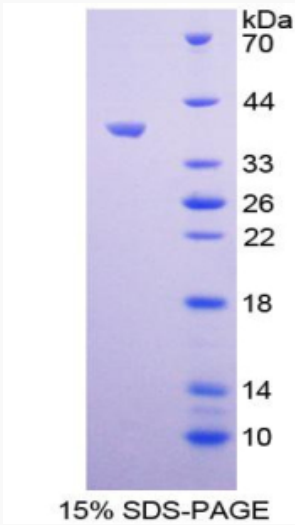
**UniProt ID**

[P18054](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA