

Recombinant Rat Alox15b protein, His & T7-tagged

Cat. No. Alox15b-6850R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Alox15b aa. (Asp349~Val633 (Accession # Q8K4F2)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp349~Val633
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.8kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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

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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

Alox15b arachidonate 15-lipoxygenase, type B [*Rattus norvegicus* (Norway rat)]

Official Symbol

Alox15b

Synonyms

15-LOX-2; 15-LOX-B; 15-lipoxygenase 2; arachidonate 15-lipoxygenase type II; arachidonate 15-lipoxygenase, second type; linoleate 13-lipoxygenase 15-LOb; arachidonate 15-lipoxygenase B

Gene ID

266604

mRNA Refseq

NM_153301.2

Protein Refseq

NP_695213.1

UniProt ID

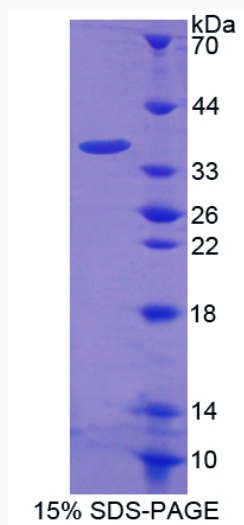
Q8K4F2

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SDS-PAGE



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