

Recombinant Human ALOX15B, His-GST tagged

Cat. No. ALOX15B-488H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALOX15B (AAH35217.1) (Met1-Ile676), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-676 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human ALOX15B consists of 913 amino acids and predicts a molecular mass of 103.7 KDa. The apparent molecular mass of the protein is approximately 93 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [ALOX15B arachidonate 15-lipoxygenase, type B \[Homo sapiens \]](#)

Official Symbol [ALOX15B](#)

Gene ID [247](#)

mRNA Refseq [NM_001039130](#)

Protein Refseq [NP_001034219](#)

MIM [603697](#)

UniProt ID [O15296](#)

Chromosome Location [17p13.1](#)

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