

Recombinant Human ALOX15B protein(Met1-Ile676)

Cat. No. ALOX15B-3241H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALOX15B (AAH35217.1)(Met1-Ile676) was expressed and purified in Insect Cells with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Ile676
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human ALOX15B consists of 678 amino acids and predicts a molecular mass of 76 KDa. The apparent molecular mass of the protein is approximately 62-66 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
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 ALOX15B arachidonate 15-lipoxygenase, type B [Homo sapiens]

Official Symbol ALOX15B

Synonyms ALOX15B; arachidonate 15-lipoxygenase, type B; arachidonate 15 lipoxygenase, second type; arachidonate 15-lipoxygenase B; 15 LOX 2; 15-LOX-B; 15S-lipoxygenase; arachidonate 15-lipoxygenase 2; arachidonate omega(6) lipoxygenase; arachidonate 15-lipoxygenase type II; arachidonate 15-lipoxygenase, second type; 15-LOX-2;

Gene ID 247

mRNA Refseq NM_001039130

Protein Refseq NP_001034219

MIM 603697

UniProt ID O15296

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