

Recombinant Human ALOX15B, Gly & Pro tagged

Cat. No. ALOX15B-408H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALOX15B (AAH35217.1) (Met1-Ile676), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-676 a.a.
Predicted N Terminal	Gly
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 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
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein 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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