

Recombinant Full Length Human ALOX15 Protein

Cat. No. ALOX15-20HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human 15 Lipxygenase 1 with N terminal proprietary tag; Predicted MWt 98.56 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	662 amino acids
Description	Arachidonate 15-lipxygenase is an enzyme that in humans is encoded by the ALOX15 gene.
Form	Liquid
Molecular Mass	98.560kDa inclusive of tags
AA Sequence	MGLYRIRVST GASLYAGSNN QVQLWLVGQH GEAALGKRLW PARGKETELK VEVPEYLGPL LFKLRKRHL LKDDAWFCNW ISVQGPGAGD EVRFPCYRWV EGNGVLSLPE GTGRTVGEDP QGLFQKHREE ELEERRKLYR WGNWKDGLIL NMAGAKLYDL PVDERFLEDK RVDFEVSLAK GLADLAIKDS LNVLTCWKDL DDFNRIWFCG QSKLAERVRD SWKEDALFGY QFLNGANPVV LRRSAHLPAR LVFPPGMEEL QAQLEKELEG GTLFEADFSL LDGIKANVIL CSQQHLAAPL VMLKLQPDGK LLPMVIQLQL PRTGSPPPPL FLPTDPPMAW LLAKCWVRSS DFQLHELQSH LLRGHLMAEV IVVATMRCLP SIHPIFKLII PHLRYTLEIN VRARTGLVSD MGIFDQIMST GGGGHVQLLK QAGAFLTYSS FCPPDDLADR

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GLLGVKSSFY PQDALRLWEI IYRYVEGIVS LHYKTDVAVK DDPELQTWCR
 EITEIGLQGA QDRGFPVSLQ ARDQVCHFVT MCIFTCTGQH ASVHLGQLDW
 YSWVPNAPCT MRLPPPTTKD ATLETVMATL PNFHQASLQM SITWQLGRRQ
 PVMVAVGQHE EEYFSGPEPK AVLKKFREEL AALDKIEIR NAKLDMPYEV
 LRPSVVENS SV AI

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

GENE INFORMATION

Gene Name [ALOX15 arachidonate 15-lipoxygenase \[Homo sapiens \]](#)

Official Symbol [ALOX15](#)

Synonyms ALOX15; arachidonate 15-lipoxygenase; 15 LOX 1

Gene ID [246](#)

mRNA Refseq [NM_001140](#)

Protein Refseq [NP_001131](#)

MIM [152392](#)

UniProt ID [P16050](#)

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