

Recombinant Full Length Human ALOX15 Protein

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

SPECIFICATION

Product Overview	Recombinant Full Length Human 15 Lipoxygenase 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-lipoxygenase is an enzyme that in humans is encoded by the ALOX15 gene.
Form	Liquid
Molecular Mass	98.560kDa inclusive of tags
AA Sequence	<p>MGLYRIRVST GASLYAGSNN QVQLWLVGQH GEAALGKRLW PARGKETELK VEVPEYLGPL LFKLRKRHL LKDDAWFCNW ISVQGPAGD EVRFPCYRWV EGNGVLSLPE GTGRTVGEDP QGLFQKHREE ELEERRKLYR WGNWKDGLIL NMAGAKLYDL PVDERFLEDK RVD FEVSLAK GLADLAIKDS LNVLTCWKDL DDFNRIWCG QSKLAERVRD SWKEDALFGY QFLNGANPVV LRRSAHLPAR LVFPPGMEEL QAQLEKELEG GTLFEADFSL LDGIKANVIL CSQQHLAAPL VMLKLQPDGK LLPMVIQLQL PRTGSPPPPL FLPTDPPMAW LLAKCWVRSS DFQLHELQSH LLRGHLMAEV IVVATMRCLP SIHPIFKLII PHLRYTLEIN VRARTGLVSD MGIFDQIMST GGGGHVQLLK QAGAFITYSS FCPPDDLADR</p>

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GLLGVKSSFY PQDALRLWEI IYRYVEGIVS LHYKTDVAVK DDPELQTWCR
EITEIGLQGA QDRGFPVSLQ ARDQVCHFVT MCIFTCTGQH ASVHLGQLDW
YSWVPNAPCT MRLPPPTTKD ATLETVMATL PNFHQASLQM SITWQLGRRQ
PVMVAVGQHE EEYFSGPEPK AVLKKFREEEL AALDKIEIR NAKLDMPY EY
LRPSVVENS V 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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