

Recombinant Full Length Human ALOX12 Protein

Cat. No. ALOX12-18HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human 12 Lipoygenase (amino acids 1-663); Predicted MWt 99kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	663 amino acids
Description	Arachidonate 12-lipoygenase, 12S-type is an enzyme that in humans is encoded by the ALOX12 gene.
Form	Liquid
Molecular Mass	99.000kDa inclusive of tags
AA Sequence	MGRYRIRVAT GAWLFSGSYN RVQLWLVGTR GEAELELQLR PARGEEEEFD HDVAEDLGLL QFVRLRKHHW LVDDAWFCDR ITVQGPACCA EVAFPCYRWV QGEDIISLPE GTARLPGDNA LDMFQKHREK ELKDRQQIYC WATWKEGLPL TIAADRKDDL PPNMRFHEEK RLDFEWTLKA GALEMALKRV YTLLSSWNCL EDFDQIFWGQ KSALAEKVRQ CWQDDELFSY QFLNGANPML LRRSTSLPSR LVLPSCMEEL RAQLEKELQN GSLFEADFIL LDGIPANVIR GEKQYLAAPL VMLKMEPNGK LQPMVIQIQP PNPSSPTPTL FLPSDPPLAW LLAWSWRNS DFQLHEIQYH LLNTHLVAEV IAVATMRCLP GLHPIFKFLI PHIRYTMEIN TRARTQLISD GGIFDKAVST GGGGHVQLLR RAAQQLTYCS LCPDDLADR

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GLLGLPGALY AHDALRLWEI IARYVEGIVH LFYQRDDIVK GDPELQAWCR
 EITEVGLCQA QDRGFPVSFQ SQSQLCHFLT MCVFTCTAQH AAINQGQLDW
 YAWVPNAPCT MRMPPTTKE DVTMATVMGS LPDVRQACLQ MAISWHLSRR
 QPDMVPLGHH KEKYFSGPKP KAVLNQFRTD LEKLEKEITA RNEQLDWPYE
 YLKPSCIENS VTI

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 [ALOX12 arachidonate 12-lipoxygenase \[Homo sapiens \]](#)

Official Symbol [ALOX12](#)

Synonyms ALOX12; arachidonate 12-lipoxygenase; arachidonate 12-lipoxygenase, 12S-type; 12S LOX; platelet 12 LOX

Gene ID [239](#)

mRNA Refseq [NM_000697](#)

Protein Refseq [NP_000688](#)

MIM [152391](#)

UniProt ID [P18054](#)

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