

Product datasheet

Recombinant Human 12 Lipoxygenase/ALOX12 protein ab112250

[1 Image](#)

Description

Product name	Recombinant Human 12 Lipoxygenase/ALOX12 protein
Expression system	Wheat germ
Accession	<u>P18054</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Sequence	MGRYRIRVATGAWLFSGSYNRVQLWLVGTRGEAELELQL RPARGEEEEFD HDVAEDLGLLQFVRLRKHHWLVDDAWFCDRITVQGPGA CAEVAFPCYRWV QGEDILSLPEGTARLPGDNALDMFQKHREKELKDRQQIYC WATWKEGLPL TIAADRKDDLPPNMRFHEEKRLDFEWTLKAGALEMALKR VYLLSSWNCL EDFDQIFWGQKSALAEKVRQCWQDDELFSYQFLNGANP MLLRSTSLPSR LVLP SGMEELRAQLEKELQNGSLFEADFILLDGIPANVIRG EKQYLAAPL VMLKMEPNGKLQPMVIQPPNPSSPTPTLFLPSDPPLAW LLAKSWVRNS DFQLHEIQYHLLNTHLVAEVIAVATMRCLPGLHPIFKFLIPHI RYTMEIN TRARTQLISDGGIFDKAVSTGGGGHVQLLRRAAAQLTYCS LCPDDLADR GLLGLPGALYAHDALRLWEIARYVEGIVHLFYQRDDIVKGD PELQAWCR EITEVGLCQAQDRGFPVSFQSQSQLCHFLTMCVFTCTAQ HAAINQGQLDW YAWV PNAPCTMRMPPPTTKEDVTMATVMGSLPDVRQAC LQMAISWHL SRR QPDMVPLGHHEKEYFSGPKPKAVLNQFRTDLEKLEKEITA RNEQLDWPYE YLKPSCIENSVTI
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Predicted molecular weight	99 kDa including tags
Amino acids	1 to 663
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab112250** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Western blot ELISA
Form	Liquid
Additional notes	This product was previously labelled as 12 Lipoxygenase

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	Oxygenase and 14,15-leukotriene A4 synthase activity.
Pathway	Lipid metabolism; leukotriene D4 biosynthesis.
Sequence similarities	Belongs to the lipoxygenase family. Contains 1 lipoxygenase domain. Contains 1 PLAT domain.
Cellular localization	Cytoplasm.

Images

Coomassie Blue stained 12.5% SDS page analysis of ab112250



SDS-PAGE - Recombinant Human 12
Lipoxygenase/ALOX12 protein (ab112250)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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