abcam

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 P18054

Protein length Full length protein

Animal free No.

Nature Recombinant

Species Human

Sequence MGRYRIRVATGAWLFSGSYNRVQLWLVGTRGEAELELQL

RPARGEEEEFD

 $\verb|HDVAEDLGLLQFVRLRKHHWLVDDAWFCDRITVQGPGA| \\$

CAEVAFPCYRWV

QGEDILSLPEGTARLPGDNALDMFQKHREKELKDRQQIYC

WATWKEGLPL

TIAADRKDDLPPNMRFHEEKRLDFEWTLKAGALEMALKR

VYTLLSSWNCL

EDFDQIFWGQKSALAEKVRQCWQDDELFSYQFLNGANP

MLLRRSTSLPSR

 ${\tt LVLPSGMEELRAQLEKELQNGSLFEADFILLDGIPANVIRG}$

EKQYLAAPL

VMLKMEPNGKLQPMVIQIQPPNPSSPTPTLFLPSDPPLAW

LLAKSWVRNS

DFQLHEIQYHLLNTHLVAEVIAVATMRCLPGLHPIFKFLIPHI

RYTMEIN

TRARTQLISDGGIFDKAVSTGGGGHVQLLRRAAAQLTYCS

LCPPDDLADR

GLLGLPGALYAHDALRLWEIIARYVEGIVHLFYQRDDIVKGD

PELQAWCR

EITEVGLCQAQDRGFPVSFQSQSQLCHFLTMCVFTCTAQ

HAAINQGQLDW

YAWVPNAPCTMRMPPPTTKEDVTMATVMGSLPDVRQAC

LQMAISWHLSRR

QPDMVPLGHHKEKYFSGPKPKAVLNQFRTDLEKLEKEITA

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 HCI

General Info

Function Oxygenase and 14,15-leukotriene A4 synthase activity.

Pathway Lipid metabolism; leukotriene D4 biosynthesis.

Sequence similarities Belongs to the lipoxygenase family.

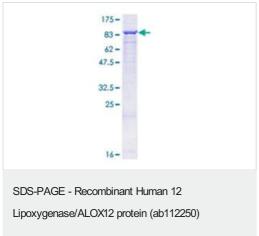
Contains 1 lipoxygenase domain.

Contains 1 PLAT domain.

Cellular localization Cytoplasm.

Images





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