

Recombinant Human ALOX15B

Catalog No: #GP10046



Package Size: #GP10046-1 100ug

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Description

Product Name	Recombinant Human ALOX15B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 30-351 amino acids of human arachidonate 15-lipoxygenase, type B
Target Name	arachidonate 15-lipoxygenase, type B
Other Names	15-LOX-2
Accession No.	Swissprot:O15296Gene Accession:BC063647
Uniprot	O15296
GenID	247;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the lipoxygenase family of structurally related nonheme iron dioxygenases involved in the production of fatty acid hydroperoxides. The encoded protein converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while metabolizing linoleic acid less effectively. This gene is located in a cluster of related genes and a pseudogene that spans approximately 100 kilobases on the short arm of chromosome 17. Alternatively spliced transcript variants encoding different isoforms have been described.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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