

Recombinant Mouse Alox5 Protein, MYC/DDK-tagged

Cat. No. Alox5-583M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse arachidonate 5-lipoxygenase (Alox5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Broad expression in lung adult (RPKM 3.4), heart adult (RPKM 2.7) and 22 other tissues.
Molecular Mass	78 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Alox5 arachidonate 5-lipoxygenase [Mus musculus (house mouse)]
Official Symbol	Alox5
Synonyms	Alox5; arachidonate 5-lipoxygenase; 5LO; 5LX; 5-LO; 5-LOX; AI850497; F730011J02; polyunsaturated fatty acid 5-lipoxygenase; 5-lipoxygenase; EC 1.13.11.34
Gene ID	11689
mRNA Refseq	NM_009662
Protein Refseq	NP_033792
UniProt ID	P48999

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